COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK

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DEPARTMENT OF ECONOMICS

Master of Arts Resume Book

June 2022

Dear Employers,

I take great pride in presenting to you our 2022 cohort. I am sure that you will find many top-quality candidates among them.

Columbia University established the Economics master's program in 2015. For this program, we receive hundreds of applications from highly qualified candidates, and are only able to admit a small fraction of the applicants. As a result, we have the privilege to work with outstanding students who excel in several different dimensions.

We provide state-of-the-art education for our students, which makes a meaningful and sustainable difference in both their academic or professional lives.

We would appreciate hearing from you about your personnel requirements. Please feel free to contact me if you need detailed or specific information about our program or any of our students.

Sincerely,

Bernard Salanié

Columbia University

Director of the Master's Program in Economics

Email: bsalanie@columbia.edu

Phone: 212 854 8059

Talal Mohammad Alshammari

❖180 Claremont Ave, New York, NY, 10027 ❖ ta2671@columbia.edu ❖ 814 (321)-4614

EDUCATION
Columbia University – New York City, NY   *Aug. 2021 - Dec. 2022*
Masters of Art in Economics
The Pennsylvania State University - University Park, PA   *Aug. 2017 - May 2021*
Bachelor of Science in Chemical Engineering - Bachelor of Science in Economics

EXPERIENCE
BNY Mellon – Boston, MA   *Jun. 2022 - Aug. 2022*
Senior Summer Analyst
- Developed and updated proforma pricing calculators for multiple ETF and NAV services in Excel, speeding up pricing estimate delivery by 96%
- Collaborated with other product managers to productize capabilities for client onboarding and develop data solutions for a client's regulatory needs, decreasing the time necessary to publish data.
- Transformed data into analytic tools and materials used in the sales process, maintaining our high client absorption and retention numbers
- Achieved high subject matter proficiency in the regulatory aspect of fund management, leading meetings efficiently and preventing bottlenecks from building due to the employees' lack of regulatory knowledge.

Pennsylvania State University – State College, PA   *May 2019 - May 2021*
Kuwaiti Students Association President
- Organized fundraising events in Washington DC, Philadelphia, and Kuwait, collecting over $5000 for pediatric cancer research and financial support of the affected families
- Created several cultural events attended by more than 500 people, teaching others about Kuwait and helping them understand the country and the culture
- Coordinated with Diversity & Inclusion leaders at Penn State to promote programs that help minority communities and increased program participation by 22%

Pennsylvania State University – State College, PA   *May 2020 - Aug. 2020*
Economics Research Assistant
- Compiled data in MATLAB about the spread of COVID-19 in clusters in South Korea and how to minimize exposure using information from South Korea's Quarantine app
- Collaborated with university professor to publish research on welfare effect of disclosure of COVID-19 cases in South Korea
- Evaluated data about the dollarization of Ecuador's economy and its effect on the country's GDP and inflation using STATA
- Analyzed data about Brexit's effect on pricing and inflation in the United Kingdom using micro-pricing datasets in STATA

Pennsylvania State University – State College, PA   *Aug. 2018 - Dec. 2019*
Teaching Assistant
- Led department in test scores by organizing Recitation sessions and utilizing modern teaching tools to help students solve problems and enhance their understanding of the subject
- Improved students' understanding of subject material by clarifying class materials during the professor's lecture
- Administered and led several review sessions both online and in-person to help students prepare for exams
- Achieved highest teaching evaluation rating for two semesters in a ranking of 20 teaching assistants in the department

Equate Petrochemicals – Kuwait City, Kuwait   *May - Aug. 2017, May - Aug. 2018*
Health and Safety Intern
- Spearheaded efforts in improving and optimizing the bi-yearly shutdown process of two major Polyethylene plants
- Initiated a company-wide survey to quantify employees' understanding of health and safety protocols and benchmarked it to standards from OSHA and The American Institute of Chemical Engineers (AIChE) to increase workplace safety
- Coordinated with several departments to ensure safe operating volumes and eventual disposal of waste tank reactor

SKILLS
- Language: Fluent in English and Arabic. Intermediate in Spanish

- Technical: Proficient in C++, STATA, Mathematica, MATLAB, ASPEN PLUS, Microsoft Word, PowerPoint, and Excel
- Publications: The Cost of Privacy: Welfare Effect of the Disclosure of COVID-19 cases, *DO Argente, CT Hsieh*, 2020

CHRISTOPHER BABCOCK

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https://www.linkedin.com/in/christopherbabcock

SUMMARY

Master of Economics candidate and former active duty military officer possessing skills to become an exceptional researcher and future university professor, advancing the field of development economics.

EDUCATION

Columbia University   *Master of Arts, Economics*   expected 2022

University of North Carolina, Kenan-Flagler Business School   *MBA (with honors)*   2016

University of Notre Dame   *Bachelor of Science, Computer Engineering (magna cum laude)*   2008

AWARDS

- Reserve Organization of America, Naval Flight Instructor of the Year   2021
- Beta Gamma Sigma Honor Society   2016
- Two-time winner of Naval Helicopter Association merit scholarship for graduate studies   2015, 2016
- Tau Beta Pi, Eta Kappa Nu, Upsilon Pi Epsilon Honor Societies   2008

PUBLICATIONS: WORKING PAPERS

- Babcock. *Homelessness and the Psychological Impact on Children.* Thesis advised by Professor Dan O'Flaherty.
- Babcock, Mosher, Olalquiaga, & Severijns. *Monopoly Money: Market Concentration and Equity Returns in the United States.* Financial Economics course paper aggregating the COMPUSTAT and CRSP databases from WRDS in SAS and creating a HHI; advised by Professor Steven Ho.

SELECTED WORK EXPERIENCE

Research Assistant   *Columbia University*   2022 - Present
- Content developer of R Shiny web-interactive modules for Dr. Rajiv Sethi's Principles of Economics class at Barnard College
- Data cleaner for BooKang Seol's Ph.D. dissertation, studying poverty alleviation impacts of 1970s community driven development projects in South Korea

Instructor Pilot (Part-Time Summer Position)   *US Navy Reserve - Helicopter Training Squadron*   2020 - Present
- One of six nominees for 2021 Naval Air Training reserve instructor pilot of the year out of the US Navy's 500+ reserve flight instructors
- Earned 2021 wing (out of 100) and squadron (out of 15) helicopter reserve instructor of the year due to positive student critiques, peer reviews, and senior input

Director of Operations   *El Fuego del Sol – Port-au-Prince, Haiti (Volunteer)*   2019
- Volunteered as in-country manager operating a recycling non-profit in a low-income country
- Wrote multiple grant applications in conjunction with company president including MacArthur Foundation's 100&Change and GHR BridgeBuilder; winning Francophonie's Green Energy Grant

Operations Manager   *US Navy – Headquarters, Special Operations Forces (SOF) Maritime Crafts*   2017 - 2019
- Ranked #2 of 10 division managers by unit commander with input from senior directors and promoted to Lieutenant Commander (O-4) first-time eligible by ranking in upper tier of peers
- Hand-picked as primary editor for 18 bi-weekly reports to the Commander of Navy SOF, detailing operations of 1000+ personnel across 15 locations due to record of reliable, on-time, and clear writing

Instructor Pilot / Department Director   *US Navy – Helicopter Training Squadron*   2014 - 2017
- Instructed 638 student flight events and presented 20+ classroom lectures, earning the highest qualifications available, including the authority to certify other instructors
- Co-created Visual Basic Excel program that automatically paired students with appropriate syllabus events, leading to a 30% time reduction in daily schedule writing

Pilot-In-Command / Division Manager   *US Navy – Helicopter Sea Combat Squadron*   2011 - 2014
- Ranked #1 of 13 division managers by unit commander with input from senior directors
- Deployed twice to Middle East as Blackhawk helicopter pilot in command, engaging in anti-piracy interdiction, logistic, and medical evacuation missions

SKILLS & INTERESTS

- Computer Programming: C, HTML, Java, LaTeX, Maple, MATLAB, PHP, Python, R, SAS, SQL, Stata, Visual Basic
- Languages: English (native), Creole (limited working proficiency), Spanish (elementary)
- 2021 GRE: 169 Quantitative / 164 Verbal / 5.0 Analytical Writing
- Security Clearance: Top Secret (TS) / Sensitive Compartmented Information (SCI)
- Extensive volunteer experience both domestic and international available upon request
- Hobbies include home remodeling, playing the piano, and scuba diving

YIZHOU CHAO

Phone: 9177809959 | Email: yc3815@columbia.edu

EDUCATION

Columbia University, New York, NY Sept. 2021 - Dec. 2022
Master of Arts in Economics

New York University, New York, NY Sept. 2017 - May 2020
Bachelor of Arts in Economics and Psychology | Cumulative GPA: 3.88/4.0
Honors: Dean's List for Academic Year ('17 -'18 & '18 - 19')

RELATED EXPERIENCES

Daxue Consulting Jan. 2021 - June 2021
Market Research Assistant *Shanghai, China*
- Participated in two projects in the cosmetics industry by conducting consumer and expert in-depth interviews, social listening, focus group design, competitor selection, and audio-recording transcript
- Collected and organized consumer data; summarized analysis of consumer data and insights in detailed reports and slideshows, including brand auditing, competitor selection, consumer journey and expectations, etc.

Tractus Investment Consulting (Shanghai) Co., Ltd. Sept. 2020 - Dec. 2020
Research Analyst Intern *Shanghai, China*
- Conducted desk research for trade projects with the U.S., covering the industry of organic food, educational robotics, cross-border e-commerce, industrial hemp, ice cream, etc.
- Assisted an American BBQ sauce company in analyzing China's condiment market and drafted a market report
- Cold called over 100 companies to help foreign investors enter China; searched for domestic incubators, agents, and distributors

Techie Youth Aug. 2020 - Sept. 2020
Opportunity Researcher *Remote Work*
- Helped a non-profit charity that provides technology education for foster kids/at-risk youth population conduct online donor research; compiled lists of potential donors based on selected giving-criteria

New York University Cognitive Development Lab Sept. 2018- May 2019
Research Assistant *New York, NY*
- Collected behavioral data via Qualtrics; ran studies on over 30 children ages 4-10 in the lab and museums
- Processed and coded visual and auditory data to verify experimenters' records and ensure data accuracy
- Designed research stimuli for study investigating the development of essentialist thinking in children ages 3-5
- Recruited and scheduled over 50 subjects with Google Calendar for in-lab studies by phone and e-mail

ADMINISTRATIVE EXPERIENCE

New York University School of Law Aug. 2018- Sept. 2018
Human Resources Student Assistant *New York, NY*
- Assisted supervisor in the completion of new employees hiring process; processed confidential documents
- Updated and managed HR and payroll information in the University's online system using PeopleSync
- Answered walk-in employees' inquiries about the timesheet completion and payment process

VOLUNTEER WORK

Bryn Mawr College VITA Feb. 2017- Apr. 2017
Income Tax Preparer *Bryn Mawr, PA*
Lower Merion School District Sept. 2016- Apr. 2017
Student Tutor *Lower Merion, PA*

SKILLS & INTERESTS

- Computer: Python, STATA, Microsoft Office Suite, SPSS, Matlab, LaTex
- Languages: Mandarin (Native), Japanese (Intermediate)

LICENSES & CERTIFICATIONS

- Social & Behavioral Research - Basic/Refresher Sept. 2018

Yizheng Chen

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Education

Columbia University   New York, NY
Master of Arts in Economics   *09/2021 – 12/2022*
- Macroeconomic Analysis, Microeconomic Analysis, Econometrics, International Economics, Mathematical Methods for Economists

Renmin University of China   Beijing, China
Bachelor of Economics   *09/2017 – 06/2021*
- GPA: 3.73/4.00 (WES: 3.83/4.00)
- Guanghua Scholarship, Academic Excellence Scholarship, Arts and Sports Excellence Scholarship

University of Montreal   Quebec, Canada
Summer Exchange Student   *07/2019 – 08/2019*
- GPA: 4.15/4.30 (International Perspectives on Employment Policies – A+; International Human Resource Management – A)

Internship Experience

BA Capital   Shanghai, China
Investment Analyst Intern   *04/2021 – 08/2021*
- Conducted commercial due diligence on two targeted companies in the offline retail & entertainment industry and outdoor apparel industry and assisted in preparing materials for the investment committee, with one successful investment
- Researched on China's egg industry to identify the development opportunities of medium and high price eggs; completed the study of the coffee industry and leading companies in Japan and South Korea and discovered consumer insights
- Participated in the company executive interviews, expert calls, and consumer interviews, responsible for meeting memos; tracked, visualized and interpreted operational and financial data of the targeted companies

Blue Lake Capital   Shanghai, China
Investment Analyst Intern   *07/2020 – 01/2021*
- Independently composed a report on DocuSign and analyzed emerging companies in the e-signature market in China; researched on China identity management and authentication software market
- Drafted in-depth reports of exercise equipment and media companies (Peloton) and global top-tier eyeglasses retailers
- Explored potential investment opportunities primarily on cloud software and performed due diligence on targeted companies

Shenwan Hongyuan Securities   Beijing, China
Equity Research Intern   *02/2020 – 06/2020*
- Engaged in writing in-depth research reports on Alibaba Group (NYSE:BABA), JD.com (NASDAQ:JD), and duty-free industry in China, work including industry overview, competitive advantage analysis, financial analysis and valuation
- Discussed the recovery of Chinese e-commerce and did field research on physical retail stores after the pandemic; reviewed the development history of foreign supermarkets (Walmart and Carrefour) in China
- Established and updated e-commerce and retail industry and company databases; summarized the quarterly performance of listed companies and supported quarterly earnings summary reports in the e-commerce and retail industries

Extracurricular Experience

College Choir   Beijing, China
Mentor   *10/2017 – 12/2019*
- Guided 50 freshmen in the tenor how to chorus and read music scores
- Accompanied choir members on the piano in the daily training
- Won a gold prize and the most expressive award in the choral music festival among 22 teams for the college

Skills & Interests

- **Languages:** Chinese (Native), English (Fluent)
- **Skills:** Microsoft Office Suite, Think-Cell, Wind, Stata, MATLAB
- **Interests:** Chorus, Piano, Calligraphy, Basketball

Ning Jiang

nj2431@columbia.edu | 646-249-7729 | New York, NY | https://www.linkedin.com/in/ning-jiang-23845b223

EDUCATION

Columbia University in the City of New York   **Sept. 2021 – Dec. 2022**
- *Master of Arts in Economics*, Graduate School of Arts and Sciences
- *Related courses:* Econometrics I&II; Macroeconomics I&II; Microeconomics I&II; Math Methods

Nanjing University   **Sept. 2016 – Jul. 2020**
- *Bachelor of Arts in Economics (Industrial Economics),* Business School
- *Related courses:* Econometrics; Python; Statistics; Mathematical Economics; Microeconomics; Macroeconomics

Georgetown University   **Jul. 2019 – Aug. 2019**
- International Student Exchange Program

PROFESSIONAL EXPERIENCES

Data Analysis Intern — **72 Dragons,** New York, U.S.   **Jun. 2022 - Present**
- Scarped Google map for data and information and cleaned data to generate database of art industry at the data size of 10,000+ on weekly basis
- Led group work in creating Dashboard using data collected in art industry in Europe to provide clients with visualized data and help them make marketing strategies

Venture Capital Intern — **Jiangsu Tech Industry Investment Crop.,** Jiangsu, China   **Jan. 2019 – Mar. 2019**
- Analyzed data from due diligence documents and industrial research of in order to avoid latent risks in the investment team in the pre-IPO period of an healthcare company
- Cooperated with law firms and other equity investment to adjust ownership structure and reorganize enterprises assets to maximize return on investment
- Reviewed and facilitated in-company discussions on SSE Star Market (Shanghai Sci-Tech Innovation Board)

Corporate Banking Intern — **China Minsheng Bank,** Jiangsu, China   **Jul 2018. – Aug. 2018**
- Appraised performance reports from all branches in Nanjing on seasonal basis and revamped the Excel pivot tables by using VLOOKUP function and VBA Macro
- Conducted analysis over monthly sales complement statistics to assist all the 23 branches in Nanjing in setting monthly sales targets

RESEARCH EXPERIENCE

Research Assistant — **Nanjing University,** Jiangsu, China   **Oct. 2020 – Jul. 2021**
- Processed data collected from China's A-share market using Excel and Python and constructed linear regression models with R and EViews to research the buffer effect of corporate social responsibility (CSR)
- Conducted surveys and interviews with four local textile firms to study the salary gap causes in the textile industry
- Orchestrated seminars and gave presentations of frontier research papers focusing international economics; MNEs and their social responsibility and environmental economics every two weeks
- Assisted in manuscript review and wrote call-for-papers on the topic of MNEs applying CSR as a non-market strategy to acclimate higher volatility in emerging market

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Student Coordinator — **Nanjing University,** Campus Event   **Oct. 2016 – Sept. 2017**
- On behalf of the Youth League Department at Nanjing University liaised with the personnel departments of KPMG, Goldman Sachs, Huawei and other major enterprises
- Organized company tours for students of Business School and initiated lecturing programs about business process

PROFESSIONAL SKILLS

Data processing: R, Python, SQL, MATLAB, STATA, Excel PivotTable, VBA Macros, Power BI, Tableau, EViews
Documents and reports: MS Office Suite(Excel, PowerPoint, Word, Access), Latex, Markdown

HAZAL ERGE

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EDUCATION

Columbia University New York, NY
Master of Arts in Economics *September 2021 – December 2022*
- **Relevant Courses:** Financial Economics, Econometrics I&II, Macroeconomics I&II, Mathematical Methods
- **Honors:** Columbia University Merit Scholarship

Bogazici University Istanbul, Turkey
Bachelor of Arts in Economics, Minor in Political Science and International Relations *September 2017 – August 2021*
- **Relevant Courses:** Financial Modelling, Programming with Python, Banking and Financial Institutions

PROFESSIONAL EXPERIENCE

Societe Generale Corporate and Investment Banking New York, NY
Summer Analyst *May 2022 – Present*
- Provided credit risk analysis to 30+ hedge funds in company's portfolio and to the risk management team.
- Worked on real time risk assessment project to provide liquidity and market risk analysis.
- Performed hedge fund due diligence and monitored clients' risk exposure.
- Analyzed Audited Financial Statements, focusing on the breakdown of funds' assets based on their liquidity level.

United Nations New York, NY
Intern *August 2019 – September 2019*
- Completed a 30-page research report to pilot test seven capacity development toolkits for developing countries.
- Tracked the poverty rates of developing countries by collecting data from the UNSD database.
- Analyzed the trends of migration in Turkey since 2011 and the impact of migration to the Sustainable Development Goals.
- Compared Turkey's migration data to international averages and visualized data using Tableau, Excel and Power Point.

Unilever Istanbul, Turkey
Supply Chain Finance Intern *May 2019 – August 2019*
- Led the Forex Mitigation project; conducting in-depth analysis for savings and inflation mitigation to improve the currency risk management directing a team of seven interns.
- Ran profit/loss analysis to calculate the costs of alternative inputs and to reduce supply chain costs.
- Consolidated monthly/quarterly/yearly forecasts of raw materials, pack materials, and manufacturing costs.
- Developed an automated process using Python to execute the monthly/quarterly/yearly supply chain forecasts, which was done manually in Excel before.

HSBC Istanbul, Turkey
Corporate Banking Intern *October 2018 – April 2019*
- Organized and analyzed raw company revenue data, visualized the data for presentations and reports.
- Conducted sector and income-level based analyses of product preferences of corporate customers.
- Prepared weekly CEO reports regarding won deals and evaluated deals of Large Corporates, reported directly to the CEO of HSBC Turkey.
- Led the communication between HSBC and ten Chinese holding-company groups and participated in client visits.

RESEARCH AND TEACHING EXPERIENCE

Columbia University New York, NY
Master's Teaching Assistant for Intermediate Microeconomics *January 2022 – May 2022*
- Managed three recitations and office hours each week independently, grading the quizzes and exams for 300+ students, designing and giving pre-test review sessions.

Bogazici University Istanbul, Turkey
Teaching Assistant for Open Economy Macroeconomics *January 2021 – May 2021*
- Conducted problem sessions, explained the intuition behind complex macroeconomic models, helped the students with their questions.

Research Assistant *September 2020 – December 2020*
- Performed data collecting, web scraping (from the website EKAP) and data analysis using Python for the public procurement data of Turkey; examined the impact of macroeconomics variables (inflation, GDP, unemployment) on the public procurement trends.

Teaching Assistant for Programming with R *September 2019 – December 2019*
- Prepared and graded the bi-weekly quizzes, held weekly office hours explaining statistical computing and graphics.

VOLUNTEER EXPERIENCE

AIESEC Yogyakarta, Indonesia
Volunteer English Instructor *December 2016 – January 2017*
- Volunteered by teaching English to local students in a primary school in one of the most underdeveloped districts of Yogyakarta.

SKILLS: Python, R, Stata, Microsoft Excel, Word, Power Point, LaTeX, SQL
LANGUAGES: English (Fluent, TOEFL: 118), Turkish (Native), Spanish (Conversational), Italian (Elementary)
INTERESTS: Creating content for YouTube platform (with 36,000 subscribers and 3 million views), cinema, traveling, tennis

Dustin Fichmann

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Linkedin: linkedin.com/in/dustin-fichmann
Mobile: +1-917-244-4943
Github: github.com/dustinfichmann
Address: 178 Suffolk Street, New York, NY 10002, USA

EDUCATION

- **Columbia University** NY, USA
  M.A. - Economics *Sept. 2021 - Dec. 2022 (expected)*
  - GPA: 3.71/4.00

  Relevant coursework: *Microeconomic Analysis I & II, Macroeconomic Analysis I & II, Econometrics I & II, Math Methods for Economists, International Economics*

- **Bates College** ME, USA
  B.A. - Double Major in Mathematics and Economics *Aug. 2017 - May 2021*
  - Summa Cum Laude (GPA: 3.98/4.00)
  - Elected to Phi Beta Kappa, Sigma Xi & Dean's List: Every semester
  - Dana Scholar: Given to the 20 highest achieving first-year students at Bates

  Relevant coursework: *Real Analysis, Big Data and Machine Learning, Linear Algebra, Multivariate Calculus*

- **University of Oxford** Oxford, UK
  Visiting Program *Oct. 2019 - June 2020*
  - Received two Book Prizes: For achievement of Excellent Work on Labor & Behavioral Economics.

- **United World College in Costa Rica** Santa Ana, Costa Rica
  International Baccalaureate *Aug. 2014 - May 2016*
  - Shelby Davis Scholar: For UWC graduates studying at select schools in the US.

WORK EXPERIENCE

- **Program for Economic Research (P.E.R.) - Columbia University** NY, USA
  Departmental Research Assistant, for Professors Brendan O'Flaherty, Rajiv Sethi & José Olea *May 2022 - Present*
  - Used Machine Learning Methods (Causal Trees & Forests) on a custom data-set on agency characteristics and the use of deadly force for local police departments in the United States over the period 2013-2020 to find the racial component in police killings of civilians.
  - Tasked with running the causal forests in R, making the summary tables, calculating the propensity scores, helping with the common support process and assisting with the interpretation of the results.
  - Submitted weekly summaries of my findings and interpretation.
  - Gained valuable teamwork and research skills by working with a team of three professors and five RAs.

- **Math and Stats Workshop - Bates College** ME, USA
  Tutor for Multivariable Calculus and Linear Algebra *Nov. 2018 - May 2019*
  - Worked mostly as a private tutor by appointment for undergraduate mathematics classes.
  - Improved communication and presentations skills by finding simple ways of conveying complex ideas.

RESEARCH EXPERIENCE

- **What Role Does Income Play In Urban Housing Choices? - Bates College** ME, USA
  Senior Thesis in Economics advised by Professor Nathan Tefft *Jan. 2021 - May 2021*
  - Nominated for best thesis of the year award.
  - Tested two competing theories, the Monocentric City Model and the Three Mode Model, using 2019 PUMS 5-year estimates.
  - Combined the Monocentric City Model with the Three Mode Model to create a more granular and holistic urban income sorting model.
  - Found that for a fixed mode of transportation, higher income workers generally have longer commutes.

- **Cryptography - Collision Algorithms and Pollard's Rho Method - Bates College** ME, USA
  Senior Capstone in Mathematics advised by Professor Adriana Salerno *Jan. 2021 - May 2021*
  - Wrote a capstone paper and presented on the methodology of the Pollard's Rho Method. Analyzed the algorithm's strengths and weaknesses in solving cryptographic problems. Simplified complex ideas by creating animations.

SKILLS & INTERESTS

- **Languages**:   English (native), German (native), Spanish (intermediate), French (elementary), Italian (elementary)
- **Computer**:   STATA, R, Python, Matlab, LaTeX, MS Office Suite
- **Interests**:   Sailing, Mountain-biking, Swimming, Hiking, Tennis, Boxing, Skiing, Cinematography, Travel

MARÍA BELÉN HÍPOLA

New York, New York• mh4174@columbia.edu • +1 (917) 362-7773

Education

Columbia University, New York City   **New York City**
Master of Arts in Economics   **Sept. 2021-Present**
> "La Caixa" Fellowship 2020: Full funding to study MA in Economics at Columbia University.
> Additional coursework: Causal Methods for Education Policy Research (PhD level, Teacher's College)

Universidad Complutense de Madrid   **Madrid**
Bachelor's in Mathematics and Statistics   **Sept. 2014-Feb. 2020**
> Capstone thesis: CG-AdaBoost: the classification algorithm AdaBoost from a cooperative game perspective.

Universidad Complutense de Madrid   **Madrid**
Université Paris-Dauphine – Erasmus Grant   **Paris**
Bachelor's in Economics   **Sept.2014-Feb.2020**
> Graduated among the top 5%.
> Capstone thesis (10/10, Best thesis of my cohort): School Choice: Theory and Applications.

Relevant Experience

Columbia University - Program for Economic Research   **New York City**
Research Fellow   **June 2022-Present**
- Assisted Dr. Douglas Almond with data analysis and research tasks in the field of environmental economics.

Freelance Consultant   **June 2021-August 2021**
- Subject Matter Expert for Global Alumni: Revised content for MIT Prof. Trancik's course on technology innovation.
- Data Analyst for Thomas Economic Policy and Data Consulting. Projects for the Center for New York City Affairs and The Impact Project.

FPWA (Non-profit organization)   **New York City**
Fiscal Policy Fellow   **Nov. 2020-May 2021**
- Analyzed internal and public data, built, and maintained data visualizations (Tableau).
- Performed analysis on federal tax and budget policy, contributing to regular publications.

Banco Santander - Credit Risk Model Validation   **Madrid**
Full-Time Intern   **June 2019-Feb 2020**
- Validated credit risk models (scoring and PD models) with replication and critical analysis.

Universidad Complutense de Madrid   **Madrid**
Research Fellow   **Sept. 2016-June 2019**
- Carried out research on 19th century Spanish regional economic history.

Publications and Media Articles

Working paper - Spanish Association of Economic History   **Sept. 2017**
- "Welfare Levels of the Rural Population in Murcia, 1769-1895. Mortality and Demographic and Economic Instability".

Article - Agenda Pública / LSE Eurocrisis blog   **June 2020**
- "Ideology and Polarization in times of Coronavirus" (LSE Eurocrisis) / (Agenda Pública).

Article - CUNY Thought Project blog   **Nov 2020**
- "Coronavirus and American Elections: A Story of Polarization" Thought Project.

Additional Information

Volunteering:

- Teaching English online lessons to a 12-year-old girl in foster family care through *Fundación Soñar Despierto* (May 2020, Madrid).
- Teaching math and embroidery lessons at *Casa Hogar*, an orphanage in San Cristóbal de las Casas (March-April 2021, Mexico).

Languages: Spanish (native), French (DELF B2), English (Cambridge Certificate of Proficiency in English C2).

Programming Languages: R, STATA, Python, SAS and SQL.

WEITING HONG

weiting.hong@columbia.edu | 250 W 100th Street Unit 512, New York, NY 10025 | +1 (516) 504-8210

EDUCATION

Columbia University, Graduate School of Arts and Sciences　　　　　　　　　　　　**New York, NY**
M.A. in Economics　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　09/2021 – 12/2022
- **Cumulative GPA**: 4.16/4.00 | **GRE**: 340/340 | **CFA**: Passed Level I Exam in February 2022 (Top 10%)

New York University, Leonard N. Stern School of Business　　　　　　　　　　　　**New York, NY**
B.S. in Business Administration (Finance & Statistics)　　　　　　　　　　　　　　09/2018 – 09/2021
- **Cumulative GPA**: 3.99/4.00 (*summa cum laude*) | **SAT**: 1590/1600 | **ACT:** 36/36
- **Honors**: Dean's List, 2020 Sequoia Investment Pitch Competition 1st Place, 2020 Point72 Case Competition 2nd Place, 2019 Powder Gate Stock Pitch Competition 3rd Place | **Teaching Fellow**: Operations Management (Spring 2021), Intro to Marketing (Spring 2021)

RESEARCH EXPERIENCE

Columbia University Program for Economic Research　　　　　　　　　　　　　　**New York, NY**
Departmental Research Assistant, Led by Professor Donald Davis and Professor Tomasz Michalski　　06/2022 – Present
- Examines the spatial dimension of unemployment dynamics by aggregating individual responses from the Current Population Survey
- Reviews the empirical methods of existing literature to replicate published results and scrutinize the validity of underlying assumptions

Disclosure Standards and the Valuation of Cross-listed Shares　　　　　　　　　**New York, NY**
Academic Research Assistant, Led by Professor Shang-Jin Wei　　　　　　　　　　03/2022 – Present
- Analyzes the differences in disclosure standards among stock exchanges to assess the impact of regulatory environment on asset pricing
- Compares the return volatility and shock reaction of cross-listed equity shares against those of firms listed only on one stock exchange

Trade Momentum for Alpha　　　　　　　　　　　　　　　　　　　　　　　　**New York, NY**
Financial Economics Course Project, Advised by Professor Steven Ho　　　　　　　02/2022 – 06/2022
- Investigated the value of additional geographic operational details by building a Trade Momentum Index as a sorting variable on SAS
- Determined an annualized alpha of 14.73% at a Sharpe ratio of 1.032 after conducting textual analysis on 16,229 10-K filings via Python

The World in 2050　　　　　　　　　　　　　　　　　　　　　　　　　　　　**New York, NY**
Academic Research Assistant, Led by Professor Jeffrey D. Sachs　　　　　　　　　09/2021 – Present
- Participates in developing integrated, cost-effective pathways for achieving the Sustainable Development Goals worldwide before 2050
- Researches global progress toward universal access of affordable and clean energy for the construction of a general equilibrium model

PROFESSIONAL EXPERIENCE

Citigroup Global Markets, Inc.　　　　　　　　　　　　　　　　　　　　　　**New York, NY**
Healthcare Investment Banking Summer Analyst　　　　　　　　　　　　　　　　06/2021 – 08/2021
- Worked on nine client accounts that range from IPO bake-offs and crossover transactions to industry researches and M&A deal pitches
- Managed and attended over 40 investor and client calls and contributed to team decision-making by taking detailed notes on discussions
- Conducted due diligence on a biopharma company and built valuation models to determine whether it makes a desirable LBO candidate

Madison Avenue Partners, LP　　　　　　　　　　　　　　　　　　　　　　　**New York, NY**
Investment Analyst Intern　　　　　　　　　　　　　　　　　　　　　　　　　07/2019 – 12/2019
- Conducted equity research on domestic and foreign companies to evaluate various special-situation and value investment opportunities
- Arranged due diligence calls with investor relation representatives, equity research analysts, industry experts, and key opinion leaders
- Assisted the portfolio manager by building financial models, organizing call notes, translating information, and making equity screeners

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Global Platinum Securities　　　　　　　　　　　　　　　　　　　　　　　　**New York, NY**
Financials Sector Leader, NYU Pod Leader　　　　　　　　　　　　　　　　　　03/2019 – 09/2021
- Studied value investing and portfolio management from a 10-week training program with 50+ students from 8 top international colleges
- Managed around $425,000 in assets with other members and together produced around 46.42% of total returns during my involvement

NYU Finance Society　　　　　　　　　　　　　　　　　　　　　　　　　　　**New York, NY**
Executive Board, E-Comm Chair, Secretary　　　　　　　　　　　　　　　　　　02/2019 – 09/2021
- Devised education curricula to enhance 200+ members' technical skills and readiness for financial professions through weekly meetings
- Participated in weekly executive board meetings to report curriculum progress, handled operation logistics, and planned future activities

NYU Quantitative Finance Society　　　　　　　　　　　　　　　　　　　　　**New York, NY**
Long Short Portfolio Manager, Internal Events Chair, Quant Team Member　　　　10/2018 – 09/2021
- Focused on sourcing and analyzing long-term value investing opportunities and near-term special situations across global equity markets
- Led a team of 15 students to maintain a weekly pitch pipeline, organized educational workshops, and monitored daily portfolio returns

SKILLS & INTERESTS

- **Skills:** Chinese (Fluent), Spanish (Beginner), Java, Python, R, Stata, GAMS, SAS, Bloomberg Terminal, Microsoft Office Suite
- **Interests:** Piano (ABRSM Diploma), Violin, Cross Country, Rock Climbing, Archery, Swimming, Investment Podcasts, Global History

Wentao Hu

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Education

Columbia University — 09/21 – 02/23, New York, NY

- **Degree:** Master of Arts in Economics
- **GPA:** 3.48/4.0
- **Coursework:** Micro/Macroeconomics I & II; Econometrics I & II; Economic Policy Analysis; Financial Economics

Central University of Finance and Economics — 09/17 – 06/21, Beijing, CN

- **Degree:** Bachelor of Arts in Finance
- **GPA:** 3.74/4.0
- **Coursework:** Corporate Finance; Fixed Income; Intermediate Accounting; Financial Statement Analysis

Experience

CITIC-Credit Lyonnais Securities Asia (CLSA) — 06/22 – 08/22, New York, NY
Summer Intern, Asset Management

- Compiled quotes on 4 major strategies: tracked position distribution and historical returns; constructed bond pools, estimated pool returns based on simulations; gave strategy recommendations according to different investment demands
- Composed research on Sino-US base rate differences: conducted fundamental analysis on Sino-US interest rate policies; Collected information on Chinese off-shore USD bonds using Bloomberg terminal, conducted statistical analysis on bond duration, rating, yield-to-maturity, etc.; constructed investment pools based on held-to-maturity strategy

China Securities Co., Ltd. — 04/21 – 06/21, Beijing, CN
Intern, Structured Finance

- Participated in 3 ABS underwriting projects: conducted due diligence by monitoring 35 receivables accounts; verified the cashflow status of underlying assets; successfully issued AAA securities at the scale of 10 billion RMB
- Drafted an annual report on the financial status of an ABN project: confirmed the interest distribution; evaluated the originator's stability with a prospective outlook; published report on Shanghai Stock Exchange website
- Contributed to research on carbon neutrality bonds: gathered and compiled information on coupon rates, bond scales, SPV structures, and policy guidance using Wind database; provided support to related business department

CITIC Securities Co., Ltd. — 04/20 – 09/20, Beijing, CN
Intern, Quantitative Asset Allocation

- Facilitated research in investment strategies of CalPERS; wrote a report on the management framework, allocation style, with an emphasis on its developments in private equity; results presented to Harvest Fund for strategic reference
- Designed Index-monitoring panel in Excel for Harvest Fund; utilized functions and APIs to achieve real-time delivery for important macro indexes, such as commodities prices and main stock indexes, with data visualization

Anbang Insurance Group Co., Ltd. — 07/19 – 08/19, Beijing, CN
Intern, Asset Management

- Conducted equity research on the real estate industry: established an inflationary model describing the tightening financing environment, with data mined from Wind database; presented research results to investment managers
- Drafted daily investment newsletters for fund managers: closely traced main index performances; provided comprehensive analysis on influential policies; presented weekly reports to senior executives

Skills and Activities

Technical Skills: Excel, Microsoft Office, Python, R, SQL, Stata, Bloomberg

Languages: Fluent Chinese and English; Intermediate Japanese; Basic French (DELF A2)

Activities:

- University Volunteers Association: organized monthly volunteering at National Library of China (09/17 – 10/18)
- Risk management summer program at Wolfson College, University of Cambridge (08/18, with ¥3,000 scholarship)

Xiaoou Jin
Tel: 206-234-1195 | **Address:** New York, United States | **E-mail:** xj2276@columbia.edu

EDUCATION

Columbia University, New York, US   **09/2021 - Expected 02/2023**
Master of Arts in Economics
Relevant coursework: Advanced Econometrics Analysis, Advanced Game Theory, International Economics

University of Washington-Seattle, Seattle, US   **09/2017 - 03/2021**
Bachelor of Science in Economics   GPA:3.79/4.0
Relevant coursework: Accounting and Finance, Computational Finance, Investment Capital and Finance

PROFESSIONAL EXPERIENCE

GreenTree Capital, Remote, US   **05/2022 - Present**
Asset Management Intern
- Reviewed US student housing investment project materials and provided comprehensive investment analysis
- Analyzed primary market research data and identified the trend for student housing market from 2008 to 2022

Loan-Acc Network, New York, US   **06/2021 - 09/2021**
Financial Analyst Intern
- Developed financial customer-based WeChat platform using Python, which helped the loan officer team to target over 1,000,000 customers with financial data and additional marketing strategies
- Built economic models in R to compare the early-stage development data for Uber and Fiverr with regression analysis; drafted business plan and attained two rounds of funding for the new WeChat platform
- Automated data migration to the new platform and accelerated the speed for data transfer by 80%

Morgan Stanley (PTA), New York, US   **07/2019 - 08/2019**
Macro Trader Assistant
- Helped traders in gathering real-time financial information and analyzing concrete effects on different stocks
- Involved in forecasting the interest fluctuations based on Federal Reserve's policies, as well as analyzing the policies' influence on the stock market based on historical data
- Gained extensive knowledge on the factors that affect financial markets in China and other global markets

SDIC ESSENCE Futures Company, Beijing, China   **07/2018 - 10/2018**
Intern at Personnel and Finance Department
- Collected data about employees' composition to analyze the efficiency among the industry as HR assistant
- Analyzed historical data and latest news of Futures to predict product price trends and payment rate of products
- Coordinated the information sharing session about crude oil futures held by Finance Department; presented the historical data and real-time price fluctuation about crude oil future using PowerPoint and visualizations

LEADERSHIP AND OTHER ACTIVITIES

Technology and Business Association of the University of Washington   **03/2018 - 03/2021**
Director of Finance Department
- Organized over twenty Research Workshops and Lab Tours to help students explore research areas
- Achieved financial sponsorships and took charge of tasks including contracts drafts and communications
- Composed and published over 80 WeChat posts to familiarize financial market trends

Research on Firms Cash Components during the COVID-19 Pandemic   **03/2020 - 05/2020**
Research Assistant
- Sorted cash proportion variation data from over 600 firms' investment reports and ensured high accuracy
- Conducted data cleaning for cash proportion data of S&P 500 Firms during COVID-19 pandemic
- Used R language to evaluate the financial data for decision-making support for the project "The Influence of COVID-19 Pandemic on the Cash Proportion of S&P 500 Firms" as research assistant

SKILLS
- **Technical Skills:** Proficient in Microsoft Office, fluent in EViews, R, Stata, MATLAB, and Python
- **Languages:** Mandarin (Native), English (GRE 333)

Zhen Ju

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EDUCATION

Columbia University   **New York, USA**
Master of Arts in Economics, Graduate School of Arts and Sciences   *Aug. 2021 – Expected Dec. 2022*
- Coursework: Advanced Microeconomics, Macroeconomics, & Econometrics, Financial Economics, Economic Policy Analysis

East China University of Science and Technology (ECUST)   **Shanghai, China**
Bachelor of Economics in International Economics and Trade, School of Business   *Sept. 2017 – Jun. 2021*
- Cumulative GPA: 3.8/4.0
- University Scholarship (Top 5% in Sep. 2018, Sep. 2019, Sep. 2020)

WORK EXPERIENCE

Essence Securities   **Shanghai, China**
Industry Researcher, Electronics& Communications Industry Research Department   *Sept. 2020 – Feb. 2021*
- Completed the Analysis Reports of NCE Power and Yanmade Technology, and Performance Reviews of Goertek, Sunmoon Microelectronics, Sunnypol Optoelectronics and Changchuan Technology independently
- Participated in the composition of 5 Industry Analysis Reports regarding Semiconductor, IDC, 5G and IoT industries according to industry development and macroeconomic situation
- Wrote weekly comments on industry news and the stock performance of leading companies to provide suggestions for investors
- Collected data and information on industry trends and company development from industry seminars and earnings conference calls

KPMG Huazhen LLP   **Shanghai, China**
Assistant to Account Manager, Audit Department   *Jan. 2020 – Mar. 2020*
- Performed audit procedures on annual reports of BAOWU Group and its subsidiary companies
- Proofread the accuracy of company financial documents, including sales contract, waybill, and bill of exchange
- Completed the confirmation requests and corresponding control logs of BAOWU Group and its subsidiaries

China Merchants Securities   **Shanghai, China**
PTA, Investment Banking Department   *Sept. 2018 – Nov. 2018*
- Participated in drafting the scheme of seasoned equity offering for China Southern Glass Group (CSG)
- Completed the seasoned equity offering feasibility analysis report of CSG

EXTRACURRICULAR ACTIVITIES

The 2nd China International Import Expo   **Shanghai, China**
Volunteer at International Trade Center of the UN   *Sep. 2019 – Oct. 2019*
- Provided translation service on-site for 16 companies
- Helped exhibitors reach 2 orders of more than 1 million RMB and signed 18 letters of intent for cooperation

Cornell Program for International Student   **Ithaca, USA**
Exchange Student   *Jul. 2019 – Aug. 2019*
- Enrolled in the course "Introduction to Business and Management"

The 9th University Scholar Leadership Symposium   **Bangkok, Thailand**
Attendee   *Aug. 2018 – Aug. 2018*
- Discussed humanitarian, economic and social issues with about 1300 college students from over 90 countries, and attended the lectures of experts from various aspects like Professor Tan eng Chye and Professor Peter Mathieson

ADDITIONAL INFORMATION

Language: Mandarin (Native); English (Fluent)
Skills: Microsoft Word/ PowerPoint/ Excel; Wind; S&P Capital IQ; Adobe Photoshop; Python; R; Stata; Visual Basic

Jiachen/ Jenn Liu

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EDUCATION

Columbia University in the city of New York, NY   Sep 2021 - Dec 2022
Master of Arts in Economics; STEM (with 3-year OPT); GPA (3.6/4.0)

Peking University, Beijing, China   Sep 2017 - Jul 2020
Bachelor of Arts, Economics; GPA (3.5/4.0)
Research Assistant to Professor Xiaobo Zhang (2019)

Beijing Language and Culture University, Beijing, China   Sep 2016 - Jul 2020
Bachelor of Arts, Journalism; GPA (3.7/4.0)
Dean's List; Chair of News Center; Founder of Intercultural Academic Club building database of essays

WORK EXPERIENCE

Taiping Asset Management Co. Ltd., Shanghai, China   May 2021 - Jul 2021
Financial Analysis Intern, Alternative Investment Division
- Wrote due diligence reports for three major projects, and drafted transaction structures of assets to the management team.
- Constructed detailed reports of the company's main business and profitability using reports from Wind.
- Analyzed financial statements for the last three years, evaluated the financial status and solvency.

China Asset Management Co. Ltd, Shanghai, China   Nov 2020 - Feb 2021
Manager Assistant Intern, Agency Business
- Drafted investment strategies for the fund by analyzing macroeconomic variables using data from Wind (Chinese Bloomberg).
- Constructed monthly reports of the financial market and hosted weekly meetings on the latest trends in the financial market.
- Identified influential topics to conduct in-depth investigations, leading to funds' quick response to changes in the market.
- Assisted fund managers by evaluating investment strategies, qualities of management, and performance of existing funds.

Founder Securities, Hangzhou, China   Oct 2020 - Nov 2020
Financial Analysis Intern, Investment Banking & Asset Management Department
- Participated in field research of a logistics company, analyzed the innovation of the company and drafted the methods of financing, including various debt (term loans, mezzanine) and equity alternatives (convertibles, private placement).
- Got involved in research and dure diligence projects for two potential IPOs (a logistics company and a telecom provider), sorting out basic information, reconciliating and reviewing financial data, drafting financial statements analysis.

Brunswick Group, Beijing, China   Oct 2019 - Jan 2020
Assistant Intern, Insight Group
- Designed questionnaires, interview questions, and focus groups. Collected and analyzed survey data, then wrote research reports with data and proposed viable strategies for companies abroad to enter the Chinese market.
- Wrote media monitoring reports, summarized the number of reports, types of media, and main reporting directions as well as attitudes, and drew the points of important reports, helping clients have a better understanding of their images in media.

China Mainland Marketing Research Co., Beijing, China   Feb 2019 - May 2019
Data analysis Intern, Research Department
- Evaluated network influence of various shows and TV series by analyzing page views data of the official website, official social media accounts, and video with Excel.
- Outputted annual reports of the media industry by analyzing policies and major events, provided insights for the future such as the popularity of short videos.

RESEARCH

Peking University, Beijing, China   Jul 2019 - Oct 2019
Enterprise Survey for Innovation and Entrepreneurship in China
- Cleaned and prepared 6933 companies' questionnaires and 50 variables to build an estimation model for business success.
- Estimated the impact of 12 key factors (Like finger length, education) on entrepreneurs compared to senior managers and other employees using Stata.
- Generated insights for supporting startups, including improving the business environment and revising national policies.

SKILLS

Language Ability: Chinese (Native), English (Fluent, TOEFL 100+, GRE 320+)
Computer Skills: MS Office Suite including Outlook, Power Point and Word, Advanced Excel, Stata, Matlab, Photoshop, VB
Interests: Dancing (ballet tenth level / street dancing), Basketball (champion of the city), Tennis, Music and Traveling.

Siqi Luan

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Education

Columbia University in the City of New York	**New York, NY**
M.A.in Economics (STEM)	09/2021-Present
University of Wisconsin-Madison	**Madison, WI**
B.A. in Economics and Mathematics	09/2018-05/2021

- **Overall GPA**: 3.793/4.0   **Math Major GPA**: 3.81/4.0   **Econ Major GPA**: 3.87/4.0
- **Honors & Awards**: Dean's List in 4 semesters; 2020 Nathan Brand Awards for Sustainable Development Research; 2020 Lenell Goodman Ammerman Scholarship; UW-Madison College of Letters & Science Undergraduate for Distinctive Scholastic Achievement

Professional Experience

China Great Wall Securities	Madison, WI
Intern (Remote), Financial Research Institute	06/2020-08/2020

- Collected, collated, and analyzed information and data of China's auto wind tunnel industry using Excel
- Researched the thermal management system (TMS) of Zhongding Group's new energy automobile
- Gathered and summarized necessity, industry structure, development tendency, and risk factors of TMS
- Referred to industry-related research and annual reports, financial news, and synthesized data to help with different projects
- Assisted in drafting the "New Energy Automobile TMS," part of the Zhongding Group's research report
- Utilized Wind Database to extract and collate data included in the research report
- Took charge of maintaining and updating the Wind Database

China Construction Bank	Weifang, China
Intern, Personal Finance Department	06/2019-08/2019

- Assisted the lobby manager in receiving and directing around 100 clients per day
- Handled ETC business for approximately 500 clients in total (Automatic electronic payment for highways)
- Participated in department manager's meetings with clients, wrote meeting reports and called back to clients

AXA Equitable Life Insurance Company	Hong Kong
Intern	02/2017

- Participated in insurance sessions and clients' meetings, wrote meetings reports and conducted case analysis
- Designed products, questionnaires and advertisements for a NPO organization, nominated the "Excellent Team"

Research Experience

Research Assistant, **Research on Weather and Mortgage Default**	06/2020-08/2020

- Gathered and integrated nationwide Home Mortgage Disclosure Act (HMDA) data with all records from 2007 to 2017
- Searched non-restricted and final HMDA LAR panel data prior to 2007 that matched HMDA data between 2007 and 2017
- Compared HMDA data prior to and after 2007 in variables and element label
- Transferred the format of HMDA data prior to 2007 to txt. format using SPSS and analyzed data using Stata

LEED Certification of Monona Terrace	02/2020-05/2020

- Researched literature relating to Leadership in Energy and Environmental Design (LEED) and history of Monona Terrace
- Analyzed impacts of Monona Terrace's LEED certification on the sustainability of the Terrace, the local economy, and trends in sustainability in the national convention center market based on large-scale analytics
- Presented the research and results in a PowerPoint presentation in front of a professor and over 40 students

A Regression Model for Prediction of House Price Indexes (HPI)	02/2020

- Calculated the average and median HPIs by using housing transaction data from 2000 to 2016
- Launched a regression model to estimate the hedonic HPI aiming at exploring how variables impacted it and conducted t-test
- Plotted and analyzed the comparison of the average, median, and hedonic HPIs using Excel

Leadership & Community Involvement

Active Member, **Public Relations Department of Chinese Undergraduate Student Association**	09/2018-05/2021

- Imported over $10,000 sponsorship for CUSA each year and managed long-term relationships with major sponsors
- Successfully obtained $6,000 funding support for the event of *MadStar*, attracting over 1,000 attendances

Co-operator, **Break Time Campus Coffee Shop**	10/2017-06/2018

- Participated in daily operation of the coffee shop, managed the supply and inventory and designed promotions
- Served more than 900 students and 100 teachers in college, made a profit about $10,000 in total a year

Skills & Certificates

- Technical Skills: Stata, Python, MATLAB, Wind Database, SPSS, SQL, Microsoft Office, Apple Pages and Numbers
- Certificate: CFA I Candidate

SRIHITA MEDIBOINA

www.linkedin.com/srihita-mediboina   sm5130@columbia.edu

SKILLS

- Programming: Python, Java, MATLAB, R, STATA, SQL
- Microsoft Office: Power BI, Excel, Visual Basic
- Other: Customer Relationship Management Software, Alteryx

EDUCATION

Columbia University New York, NY   Aug 2021 – Dec 2022
- M.A. Economics (GPA 3.5)

Stony Brook University Stony Brook, NY   Aug 2018 – May 2021
- B.S. Applied Mathematics & Statistics, cum laude (GPA 3.60)
- B.S Economics, cum laude (GPA 3.70)
- Dean's List
- Provost Scholarship Recipient, University Scholar

WORK EXPERIENCE

Avangrid Orange, CT
Investment Analyst   Jun 2022–Present
- Developing visualizations using Power BI to demonstrate capital spending and revenue flows for projects spanning seven operating companies within the utility industry
- Working on streamlining data collection processes for forecasting capital spending

Talent Analytics Intern   Jun 2020 – Jun 2022
- Developed coursework on Talent Analytics for corporate team
- Created a use case to develop attrition models and establish benchmarks for workforce planning
- Introduced data analysis software Alteryx to build regression models predicting attrition and automate monthly reporting
- Built framework for new dashboard to display headcount and turnover data more accessibly
- Used Power BI to develop visualizations capturing key takeaways from annual employee survey
- Highlighted key insights for different lines of business to develop policies on how to improve employee engagement

Rocco Wealth Management Fairfield, CT   Jun 2019 – Aug 2019
Financial Operations/Compliance Intern
- Worked with Chief Compliance Office to oversee internal audit process
- Implemented changes in firm wide investing strategies
- Catalogued improvements in quarterly reports utilizing MS Excel and Visual Basic Macros
- Consolidated client information while the firm underwent a merger using Orion Advisor

RESEARCH

Stony Brook University Stony Brook, NY   Dec 2020 – May 2021
Undergraduate Researcher
- Conducted literature review of Microfinance institutions, gendered implications of poverty
- Outlined future areas of research to explore the role of women in poverty alleviating schemes
- Completed twelve-page draft of *The Relationship between Microfinance, Female Empowerment and Economic Growth*

Stony Brook University Stony Brook, NY   Dec 2019 – May 2020
Undergraduate Researcher
- Assisted in conducting literature review of climate policies in Brazil
- Produced articles comparing carbon taxes and cap and trade systems for Medium
- Performed initial statistical research comparing different climate policies
- Developed research outlines to determine the effects of international cooperation on implementing climate policy

Western Connecticut State University Danbury, CT   Jun 2017 – Jan 2019
Undergraduate Research Assistant
- Developed new option pricing technologies Support Vector Regression and Neural Networks
- Performed statistical analysis using MATLAB to compare different option pricing methods
- Presented findings at Joint Mathematical Meeting, received Outstanding Poster selection
- Completed twenty-page draft of *Option Pricing by Wavelet filtering and Machine Learning Methods*

ADDITIONAL INFORMATION

- eCornell Machine Learning Certificate   Mar 2020
- Medium: https://www.datadriveninvestor.com/author/smediboina/

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New York, NY

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Research & Editorial Experience

Columbia University, New York, NY   **Aug 2021-Present**
Master of Arts Candidate, Economics
- Completing coursework in advanced econometrics/statistics, economic policy analysis, financial economics, microeconomic theory, macroeconomic theory, advanced mathematics; coursework includes reading and interpreting economic and financial data sets
- Produced financial economics research project exploring relationship between market concentration and equity returns, with original analysis of financial data over four decades (1980-2020)
- Planned M.A. thesis project will analyze public education policy (Universal Pre-K) and effects on employment patterns and economic activity in New York City

Global Gateway Advisors, New York, NY   **Feb 2018-Jul 2021**
Senior Account Executive, Account Supervisor, Associate Director
- Conducted in-depth investigations of LinkedIn profiles of 100+ pharmaceutical and life science thought leaders; used findings to triple social media output over 3 years from Small Molecules unit at Lonza, a leading pharmaceutical drug developer
- Developed client-facing research reports on sensitive issues, including vaccine development and medical data privacy, relevant to business units within healthcare firm Johnson & Johnson
- Researched and identified 10+ high-visibility international media partners for APEC CEO Summit, a business and policy forum for Asia-Pacific countries, in 2018, 2019, 2020, 2021; secured over $3 million in international advertising commitments to increase awareness and attendance of events
- Wrote and edited hundreds of pieces of long- and short-form content, including byline articles, blog posts, and social media, to capture clients' unique insights and perspectives

Sommerfield Communications, New York, NY   **Feb 2014-Feb 2018**
Account Executive, Senior Account Executive
- Reviewed quarterly venture capital and private equity data from Cambridge Associates, an institutional investment advisor, and drafted press releases with quantitative and qualitative findings; doubled media presence of these data over four years and established Cambridge Associates as authoritative source for PE/VC performance data and insights
- Interpreted research reports from management consulting firms, including The Boston Consulting Group, and used research findings to secure monthly international media coverage that reached global business leaders and decision makers
- Interviewed over 50 African small business owners who attended the inaugural Tony Elumelu Entrepreneurship Program and developed online series of Q&A articles and marketing materials to increase future applicants to program

Management & Leadership Experience

- At boutique communications consulting firms Global Gateway Advisors and Sommerfield Communications, oversaw annual budgets of over $1 million, ensuring minimal cost overruns and maximum output for clients around the world
- Managed teams of up to 8 people to develop and execute strategic communications initiatives
- Served as day-to-day contact for senior communications and business strategy leaders in range of industries, including tech, finance, healthcare, international development, and management consulting

Education

- Columbia University; New York, NY; M.A., economics   **2023 (expected)**
- Bennington College; Bennington, VT; B.A., political economy, philosophy, Spanish   **2013**

Technical Skills and Other Experience

- Microsoft Office Suite, Twitter, LinkedIn, Facebook, Instagram, STATA, R, Python, SQL, SAS, LaTeX, MailChimp, Cision, Muckrack, Wordpress, Hootsuite, Tweetdeck, Google Analytics, Meltwater, Amazon Kindle Direct Publishing
- Volunteer experience on local and national political campaigns, including fundraising and communications consulting
- Working proficiency in Spanish

JIA HUI NGOH

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EDUCATION

Columbia University	09/2021 – 12/2022
Master of Arts in Economics	(expected)
Singapore Management University	08/2017 – 05/2021

Bachelor of Science in Economics
- GPA: 4.00/4.00
- Senior Thesis: *Impact of Private Long-term Care Insurance on Preventive Health Behaviors*

London School of Economics and Political Science	07/2019 – 08/2019

LSE Summer School
- Advanced Econometrics (A+)

PROFESSIONAL EXPERIENCE

Research Assistant, Professor Christine Ho, SMU Economics — 12/2019 – 08/2021
- Carried out literature review to examine changes and differences in generosity of tax policies in encouraging insurance purchase in various countries
- Collated and cleaned data obtained from publicly available reports using Stata and R

Research Assistant, Professor Li Jing, SMU Economics — 03/2019 – 12/2019
- Assisted in the generation of Stata codes to identify factors that affect tender bids for sites sold under the Government Land Sales (GLS) Program in Singapore
- Performed data cleaning on a dataset containing information of patent applications in China and transforming it into format appropriate for panel data analysis

Research Intern, Economics Department, Ministry of Trade and Industry, Singapore — 05/2019 – 07/2019
- Conducted a study to estimate the substitutability of immigrants for robot use and the impacts that both have on the labor market outcomes for countries in Europe
- Collected and cleaned data to estimate robot density and instrument for migrant shares
- Performed statistical analysis in Stata using panel data and time series methods

Teaching Assistant (Advanced Microeconomics, Public Sector Economics, Family Economics) — 01/2020 – 05/2021
- Prepared a mathematical appendix covering concepts in real analysis, statistics, and calculus
- Conducted weekly consultation sessions for students to clarify doubts on class content
- Conducted a demonstration tutorial before exams to review class materials

LEADERSHIP & ACTIVITIES

Meals-on-Wheels Volunteer, TOUCH Community Services — 12/2018 – 11/2019
- Delivered meals for home-bound elderly on a weekly basis

Finance Director, SMU Inspirar — 12/2017 – 12/2018
- Performed budgeting and tracking of finances to ensure project stayed within budget
- Planned games and exercises for elderly in weekly visits to 5 elderly centers to promote active ageing
- Organized a 3-day orientation camp for 128 freshmen to bond and integrate them into SMU

Logistics Team, SMU Challenge — 05/2018 – 07/2018
- Organized a carnival event that raised $8,000 for students in Mountbatten Vocational School (MVS)
- Conducted weekly activities for students of MVS to learn lifelong skills

SKILLS

- Languages: Fluent in English and Mandarin
- Statistical software: Proficient in Stata and R, good working knowledge of LaTeX
- Programming language: Basic proficiency in Python

HONOURS AND AWARDS

Ministry of Trade and Industry Singapore (Economist Service) Scholarship 2017 – Present
Ministry of Trade and Industry Singapore (Economist Service) Best Thesis Prize 2021
Ministry of Trade and Industry Singapore (Economist Service) Book Prize 2020
Singapore Management University Economics Dean's List: Fall 2017 – Spring 2021

Xilin Niu

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EDUCATION

Columbia University, New York, NY   September 2021-Present
Master of Arts in Economics
Cumulative GPA: 3.33/4.0
Relevant Coursework: Microeconomics Analysis, Macroeconomics Analysis, Math Methods for Economists, Econometrics II

Macalester College, St. Paul, MN   September 2017-May 2021
Bachelor of Arts
Double Major: Economics, Mathematics
Cumulative GPA: 3.64/4.0
Relevant Coursework: Behavioral/Experimental Economics, Real Analysis, Mathematical Modeling, Calculus III

RESEARCH EXPERIENCE

Macalester College Economics Department, St. Paul, MN   February-May 2021
Independent Researcher, **Course Project for ECON 490: Behavioral/Experimental Economics**
Aim: To examine the possible impacts COVID-19 has on people's risk aversion and perceptions
Tasks:
● Conducted behavioral experiment that evaluated changes in participants' risk aversion and perceptions
● Summarized related literature about how significant events alter people's perception for the future
● Modeled the collected data and estimated the effect COVID-19 has on individuals' future reactions to risky events

Macalester College Economics Department, St. Paul, MN   June-August 2019
Assistant Researcher, **Summer Research Project**
Aim: To build a trading strategy based on the momentum of stock prices to outperform the market
Tasks:
● Conducted a thorough literature review called "Dynamic Indirect Multi-horizon Momentum-based Trading Strategy" about previous research on the stock market and evaluated different opinions on momentum ranking, the formation process of winners and losers, and the gaining of positive returns
● Collected data from FSS Fidelity Select Sectors Monthly and Weekly Price, capturing the trends that stock prices moved through data analysis and coding
● Built and tested the models for momentum trading strategies
● Assisted professor Liang Ding in making breakthroughs, looking at the correlation among ranking and stock return over a period by integrating five rankings in different time length, such as sectors' multi-horizon performances in the past 2, 4, 8, 11, and 12 months

Macalester College Economics Department, St. Paul, MN   February-May 2019
Independent Researcher, **Course Project for ECON 381: Introduction to Econometrics**
Aim: To evaluate the relationship between cigarette exercise tax rates and youth smoking participation
Tasks:
● Collected data from the Centers for Disease Control and Prevention and Federal Reserve
● Accessed the strength of multiple variables such as the age and gender of people in the sample and the node for tax policy implementation
● Visualized and modeled data and determined the effect of cigarette exercise tax rates on youth smoking participation

WORK EXPERIENCE

Macalester College Mathematics Department, St. Paul, MN   September 2019-May 2020
Discrete Mathematics Preceptor
● Assisted Discrete Mathematics professor with answering questions in class and grading homework twice a week
● Held preceptor hours once a week to provide a brief review on course materials and remained responsive through email
● Ensured effective communication between the professor and students in class

SKILLS

Technical Skills: Economics Research, Data Analyzing
Programming: Microsoft Office, Latex, Mathematica, Stata, R Studio, MATLAB
Language: Fluent in English and Chinese (Mandarin)

Santiago J. Olalquiaga Calcaño

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Education

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, NEW YORK   **08/2021 – PRESENT**

M.A. in Economics – Focus on Econometrics and Quantitative Economics – GPA 3.74

- Coursework in financial economics, economic analysis, econometrics, quantitative methods, and corporate finance.
- Alumni Engagement Chair, Master of Economics Students Association (MESA).

UNIVERSIDAD METROPOLITANA, CARACAS, VENEZUELA   **09/2014 – 02/2019**

B.Sc. in Business Economics, Cum Laude – GPA 18.22/20, Top of Graduating Class

- Dissertation: "Measuring Financial Development and its Relation to Growth in Venezuela during 1970-2014".
- Re-launched and presided over Economics Society to create a space for students to engage with current economic affairs; created new society website, organised five panel events, and oversaw publication of an online magazine.

LONDON SCHOOL OF ECONOMICS & POLITICAL SCIENCE, LONDON, UNITED KINGDOM   **08/2016**

Money and Banking summer course

Experience

COLUMBIA FOUNDERS GROUP, NEW YORK CITY   **06/2022 – PRESENT**

Founder/Venture Capital Liaison Intern

- Structuring start-up founders community, and managing relations between community and venture capital investors.

DATANALISIS, CARACAS, VENEZUELA

Consulting Advisor to Business Intelligence Unit   **01/2021 – 04/2022**

- Advised unit on business development strategy, and provided guidance on development of novel data exploration tool, which increased unit's revenue by 10% and public engagement above firm's overall average after launch.
- Led team's growth by supporting creation of three positions and building cooperative relations across business units.

Professional Consultant with Business Intelligence Unit   **11/2020 – 01/2021**

- Created a first-of-its-kind data exploration tool for clients to navigate Venezuela's economic and political landscape.
- Integrated team's multiple scenario analysis products into one cohesive, quantitatively focused framework.
- Co-designed 400-business panel survey on market dynamics and business strategy, creating a new revenue stream.

INDEPENDENT CLIMATE FINANCE CONSULTING TEAM, REMOTE   **01/2021 – 06/2021**

Consultancy Analyst

- Co-authored "Financing and Implementation Plan for Adaptation to Climate Risks in Trinidad and Tobago" (TT), for the Ministry of Planning & Development of TT, the Global Environment Facility and the UN Development Programme.
- Mapped ecosystem of TT entities, international funds and multilateral banks linked to climate action: profiled ~60 organisations at depth, assessing funding and partnering arrangements, expertise, track record and strategies.
- Executed multi-criteria analysis to match ~70 climate change adaptation measures to funding sources, including an untapped $1bn TT environment fund and green debt issuance, opening a path to sustained investment in adaptation.
- Ensured funding approval of Amazon BioEconomy Fund ($600m) by arranging and systematising project's budget.

UNIVERSIDAD METROPOLITANA, CARACAS, VENEZUELA   **08/2019 – 04/2021**

Lecturer on Macroeconomics

BRITISH EMBASSY – FOREIGN & COMMONWEALTH OFFICE, CARACAS, VENEZUELA   **06/2018 – 05/2019**

Economic Development Officer (internship)

- Managed $45k project portfolio, supporting four partner organisations in delivering key policy proposals on macroeconomic stability and industrial development, amidst Venezuela's nationwide blackout and Presidential crisis.
- Created project bid evaluation & portfolio monitoring tools, cutting bid assessment times & improving accountability.
- Incorporated renewables into Embassy's policy strategy, leading to the construction of a solar microgrid with 4,000 beneficiaries in the Amazonian town of Kamarata.
- Launched and authored a series of five research papers analysing Venezuela's macroeconomic and financial dynamics and outlook that were read across UK diplomatic and Latin America-focused policymaking networks.

Other Skills

Computing: Microsoft Office suite, FactSet, Stata, SAS, LaTeX, MATLAB, Econometric Views

Languages: Spanish (native); English (fluent); German (intermediate); French (intermediate)

Vlad Radulescu

Columbia University Graduate School of Arts and Sciences   vpr2108@columbia.edu | 929-930-0960

EDUCATION

M.A. in Economics | Columbia University | New York, NY   **Aug. 2021–Present**
- **Topics:** statistics, econometrics, economic theory, and machine learning

B.A. in Mathematical Economics | Colorado College | Colorado Springs, CO   **Aug. 2012–May 2016**
- **Topics:** statistics, differential equations, econometrics, and economic theory
- Awarded merit-based scholarship from Colorado College over 4 years
- Minor in Russian and Eurasian Studies

EXPERIENCE

NYC Department of Finance | New York City, New York   **June 2022–Aug. 2022**
Graduate Summer Intern
- Extracted and merged large datasets containing New York City property tax and exemption values using SQL
- Cleaned and transformed large datasets for further analysis using R
- Created qualitative program projections and forecasting models on topics such as future sources of property tax revenues, personal and commercial exemptions, demographic changes
- Assisted in the writing of periodic reports to senior management of the Property Exemptions Administration

FBA Refund Finders | Bucharest, Romania   **Oct. 2018–July 2021**
Co-founder (Board Member)
- Developed an application which extracts and analyzes sales reports of Amazon sellers' accounts to determine the amount of money still owed to the seller by Amazon and recover it, generating revenue for the seller in the process
- Used R to identify sources of unprocessed reimbursements, such as damaged, lost inventory, and inbound shipments
- Recovered an average of 1.5% of total revenues per client through monthly scheduled audits
- Engaged in partnerships with over a dozen smaller FBA sellers over optimizing marketing strategies
- Maintained connections and attended business meetings with current and potential clients
- Created instructional materials such as videos, written guides and presentations for smaller and less experienced Amazon sellers, explaining the work required for proper account maintenance

Optymyze | Bucharest, Romania   **Mar. 2018–Nov. 2018**
Business Analyst
- Configured SQL-based processes to store, maintain, and calculate client sales data for Johnson&Johnson, such as all the compensation plans for the company's sales agents
- Engaged in periodic testing of newly configured data manipulation tools added to the logic of the system as a whole
- Worked under Agile methodology and coordinated with other teams through the Jira tool
- Provided input during client business decisions regarding cross-sell compensation and quota attainment policies

KPMG Romania | Bucharest, Romania   **Aug. 2017–Feb. 2018**
Junior Auditor
- Performed audit procedures on several business processes, including: revenues, expenses, payroll, circularization
- Gained exposure to various industries such as telecommunications, food processing, car manufacturing
- Processed, documented, and organized information in accordance with the audit and report writing methodology

LANGUAGES & TECHNOLOGIES

Languages: English, French, Russian, Romanian
Skills: Python, R, Stata, Mathematica, SQL, Amazon Web Services, Google Cloud, LaTeX
Personal interests: Fiction writing, bowling, soccer, and fitness

Zeki Berkay Saygin

🌐 New York, NY 10025 📞 551-318-9630 ✉ zs2534@columbia.edu in linkedin.com/in/berkaysaygin

Education

Columbia University   **September 2021 – December 2022**
Master of Arts in Economics   *New York, NY*
- GPA: 3.92/4. Relevant coursework: Econometric Analysis I & II, Microeconomic Analysis I & II, Macroeconomic Analysis I & II, Mathematical Methods, Real Analysis (graduate-level course offered by the Math department).
- Teaching experience: Served as a Teaching Assistant to Game Theory (ECON 4415) in 2022. Held weekly recitations and office hours, created lecture notes and solution keys, coordinated and graded problem sets and exams.

Bogazici University   **September 2014 – May 2019**
Bachelor of Arts in Economics   *Istanbul, Turkey*
Bachelor of Arts in Business Administration (Dual Degree)
- GPA: 3.62/4. Relevant coursework: Machine Learning, Algorithmic Trading, Fixed Income Securities, Banking and Finance, International Economics, European Union - Turkey Economic Relations, Human-Computer Interaction.
- Admitted as 246th nationally in the Central Exam (top 0.01%) and graduated with High Honors (top 10% of cohort).
- Teaching experience: Served as a Teaching Assistant to Management Science (AD 353) in 2017.
- Exchange Programs: University of St Gallen, Switzerland, Spring 2017; Harvard University, MA, Summer 2015.

Selected Experience

University of Chicago   **May 2022 – Present**
Research Associate at Kenneth C. Griffin Department of Economics   *Chicago, IL*
- Assisted Ufuk Akcigit as a Pre-Doc at his lab, by managing a large database, conducting econometric analyses, contributing to model development, and providing editorial support in academic and extra-academic publications.

Columbia University   **May 2022 – Present**
PER (Program for Economic Research) Research Assistant   *New York, NY*
- Developed a two-sided matching algorithm and extended properties of stable matchings with Guillaume Haeringer.
- Assisted Yeon-Koo Che in mathematical tasks by searching for right tools, running computations, reporting outputs.

Google   **January 2018 – August 2021**
Product Marketing Manager   *Istanbul, Turkey*
- Led the regional launch of a new product in EMEA by orchestrating the product development with engineers; executing legal and localization processes, and developing the go-to-market strategy while coordinating with local teams.
- Headed the retail team by managing two people while persistently overachieving in all targets. Drove high growth above global peers by analyzing large-scale search data and conducting behavioral research to distill actionable insights for retailers; orchestrating executive round-tables, training sessions, and producing materials to maintain leadership.
- Established a global pilot that merged Search & Ads campaigns with global leaders' support for a $1m$. campaign.
- Oversaw Ads acquisitions while managing one person, and coordinating sales, product, and call-center teams. Managed all small and medium business websites, ran seasonal campaigns, and developed government partnerships to help SMBs.
- Supervised the Google Assistant launch and achieved the fastest user growth in EMEA while orchestrating engineers and linguists; and ensuring quality by leading testing programs, running research, and initiating global feature productions.

Oliver Wyman   **July 2017 – August 2017**
Management Consulting Intern   *Istanbul, Turkey*
- Undertook an engagement of intelligence and credit departments of a large bank and contributed to process improvements by analyzing workstream logs and conducting surveys to diagnose bottlenecks, and consulting on automation.

Unico First AG   **February 2017 – May 2017**
Consulting Intern   *St Gallen, Switzerland*
- Coordinated product development for a ready-to-drink brand; diagnosed market fits between trends and client's innovation, produced over 20 product concepts and discovered a profitable by-product strategy.

Skills & Additional Information

Technical: Python, R, Stata, MATLAB, Mathematica, LaTeX, Bloomberg Terminal, HTML/CSS, Microsoft Office
Language: Fluent in English, Native in Turkish, Elementary in French
Sports: Swimmer (Turkish National Team, 2009 - 2011), ILO Licensed Sea Captain, CMAS Licensed Rescue Diver

ARNE SEVERIJNS

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EDUCATION

Columbia University	New York, NY *08/2021 – present*

- M.A. Economics Candidate (GPA: 3.63)
- Relevant coursework: Macroeconomics I&II, Microeconomics I&II, Econometrics I&II, Math Methods, Financial Economics, Machine Learning
- Teaching assistant for Prof. Guillermo Mondino, Ph.D. and Sunil Gulati, Ph.D.: Graduate level course in *Macroeconomic Policy Management at Columbia's School of International and Public Affairs (SIPA),* where I prepare and teach course materials that cover current macroeconomic policy dilemmas such as central banks' increased participation in open market operations, as well as recent fiscal expansions in the US and abroad.

Centro de Investigación y Docencia Económicas (CIDE)	Mexico City, Mexico *2016 – 2020*

- B.Sc. in Economics with *Honorable Mention*
  Cumulative GPA: 9.3 (of 10) - 1st ranked within the program
  Exchange semester at Columbia University (GPA: 3.83)
- Relevant coursework: Advanced Macroeconomics, International Macroeconomics, Development Economics, Public Policy Evaluation, Public Economics, Microeconometrics, Time Series
- Three-time teaching assistant for Intermediate Macro and Microeconomic Theory, resulting in a 95% performance grade received through student-teacher evaluations.

WORK EXPERIENCE

SPX Capital Management *Macroeconomics Summer Analyst*	New York, NY *06/2022 – present*

- Built a GDP tracking model to forecast economic growth based on available data for the current measured quarter—replacing the firm's previous GDP tracker.
- Estimated the risk of an economic contraction using a probit model of leading recession indicators, contributing to the firm's assessment of the trajectory of the U.S. economy.
- Worked directly with Senior Economists to assess and report on key data releases.

Vector Casa de Bolsa (leading Mexican brokerage firm and wealth manager) *International Macroeconomic Analyst*	Mexico City, Mexico *02/2021 – 08/2021*

- Delivered weekly oral presentations to the board of directors and to the firm's client base, outlining international developments in fiscal and monetary policy.
- Overhauled Vector's international analysis webpage, achieving a 60% increase in daily traffic.
- Forecasted inflation, interest rate decisions and other macroeconomic indicators, and recommended adjustments in investment strategies to the sales team.

SIS International Research *Project Manager*	New York, NY (remote) *09/2020 – 02/2021*

- Provided consulting and project management services in 20+ market research projects in Europe, N. America, and Asia.
- Spearheaded qualitative research into the use of thematic funds among large fund managers in Southeast Asia and Europe, conducted through in-depth interviews with financial advisors and wealth managers. Established growing share of thematic funds in investment portfolios.

Centro de Estudios Espinosa Yglesias (CEEY) *Research Assistant for Prof. Marcelo Delajara, Ph.D.*	Mexico City, Mexico *04/2019 – 08/2020*

- Analyzed the effects of inequality on macroeconomic growth and co-developed an empirical model showing a robust joint effect of low intergenerational mobility and high income inequality on macroeconomic growth.

University of Texas Center of Conflict and Development / USAID *Research Assistant for Vivian Bronsoler Nurko*	Mexico City, Mexico *02/2020 – 06/2020*

- Co-evaluated the performance of *USAID/Mexico's Crime and Violence Prevention Strategy,* using a panel of municipal crime data and synthetic controls.
- Demonstrated increased trust in local authorities in municipalities impacted by USAID funding.

LEADERSHIP & HONORS

Belgian American Educational Foundation (BAEF)	Brussels, Belgium *2021– 2022*

- Awarded the highly competitive Cabeaux-Jacobs Fellowship to pursue my master's degree at Columbia University.

Mexican Student Association at Columbia University (MEXSA), Treasurer	New York, NY *08/2021 – present*

- As an executive board member, I administer all financial resources for 15+ events.

CIDE+ (student association for sexual diversity and inclusivity), President	Mexico City, Mexico *2018 – 2020*

- Founded a counseling program for LGBTQ+ students and organized annual conferences to highlight underrepresented queer voices in the public space.

LANGUAGES & TECHNICAL HABILITIES

Languages: Fluent in English (Cambridge CPE, Grade A), Spanish and Dutch. Intermediate knowledge of French.
Software: Bloomberg (Advanced), Stata (Advanced), Python (Avanced), Excel (Advanced), R (Intermediate)

Jialin Shi

Phone: (646)610-9854 | Email: jialinshi97@live.com
Address: New York, New York

EDUCATION

Columbia University - Master of Arts in Economics (STEM)   2021.09 - 2022.12
- Academic Performance: GPA 3.59/4.0

Shanghai University - Bachelor in International Economics and Trade   2016.09 - 2020.06
- Academic Performance: GPA 3.81/4.0 (WES)
- Honors: Outstanding Graduates, First Class Scholarship, Excellent Student Cadre

University of Technology Sydney - Bachelor in International Business   2018.07 - 2020.05
- Academic Performance: GPA 3.81/4.0 (WES)
- Honors: UTS Shanghai Dual Bachelor Degree Program Scholarship

PROFESSIONAL EXPERIENCE

NICE Actimize - Product Portfolio Intern   2022.06 - Present
- Automated the product portfolio analysis in data acquisition, analysis, and presentation processes, which increased analysis efficiency by 90%, reduced human errors, and thus helped product directors obtain insights [VBA]
- Analyzed the match between the product portfolio and the company's strategy, identified abnormal signs, and investigated possible causes, which helped product directors better allocate resources in the next cycle [Tableau/Excel]

SAIC General Motors Corp. Ltd. - Product Strategy Summer Intern   2021.07 - 2021.08
- Identified the income group with the highest willingness to buy a car by designing a model that can depict the income distribution of car owners and the general public [Scipy/Pandas/Matplotlib/Tableau].
- Forecasted future 10-year luxury car sales and the peak year in China by fitting the Logistic model and analyzed the impact of cultural and macroeconomic factors on the sale [Linearmodels].
- Reproduced the forecast of 20-year future private car stock in China based on a high-quality paper and conducted a sensitivity analysis on the key variables such as GDP, population, and Gini coefficient [Lmfit/Numpy].

Shanghai Pera Global Technology Co., Ltd. - Industry Analysis Intern   2021.03 - 2021.06
- Collected data on 17444 enterprises operating in 17 industries, such as automobile and fuel cells, through web crawler, cold call, and other means, and screened them according to the marketing department's need [Vlookup].
- Collected and analyzed 100+ semiconductor industry reports, combined with expert interviews, wrote a 74-page overview, and further investigated the most profitable subfield in this industry and its correlation with simulation.
- Conducted research on market size, value chain, and competitive environment of 30+ industries and drew report slides.

INVESTMENT EXPERIENCE

Very Interesting Co., Ltd. - Founder   2021.03 - 2021.08
- Investigated the sales and main products of competitors, researched the behavior and needs of consumers, and constantly evolved product strategies and marketing strategies based on research results.
- Conducted actions such as setting new prices, designing advertisements, and adjusting product portfolio to implement strategies, which increased customer visits and purchase rate and achieved a 10% profit rate in the second quarter.

Individual Blockchain Investment - Trader   2017.06 - 2018.05
- Tracked cryptocurrency-related information on forums, news websites, and WeChat public accounts.
- Researched and wrote a report of nearly 20000 words, covering more than 20 topics, including cryptocurrency technology, market environment, and investor sentiment, which helped to realize a 1000% profit rate in half a year.
- Collected various views on the market by conducting interviews with different stakeholders.

RESEARCH EXPERIENCE

Quantitative Analysis of International Trade   2022.02 - 2022.04
- Cleaned and processed more than 300000+ data and ran regressions to analyze the effect of the trade war on the US [Pandas/MySQL].

A Study on the Influencing Factors of Bitcoin Price   2020.01 - 2020.04
- Collected more than 21900+ pieces of Bitcoin data and ran the ADL model to identify factors that can affect the price [BeautifulSoup/RE/Statsmodels/Excel].

The Application of Blockchain-as-a-Service (BaaS) and its providers in China 2019.08 - 2019.09
- Studied the blockchain application and applied the SWOT model to analyze the BaaS provider in China. This paper was published in the 4th International Conference on Economy and Business Management, and CPCI indexed.

LEADERSHIP EXPERIENCE

Volunteer Department of SILC, Shanghai University - Director   2017.05 - 2018.05
- Led more than 60 people and organized 10+ volunteer programs, including F1 Grand Prix and other national activities, and won a high reputation. During my term of service, the voluntary time of all volunteers exceeds 10000 hours.
- Designed slides and presented in the university's Top Ten Volunteer Teams Competition and won the prize.

MISCELLANEOUS

- Skills: Python (Machine Learning), MySQL, VBA, Stata, Tableau, Excel, PowerPoint (Report style), and Word
- Languages: Chinese and English
- Interests: Private pilot

Siqi Luan

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Education

Columbia University in the City of New York   **New York, NY**
M.A.in Economics (STEM)   09/2021-Present
University of Wisconsin-Madison   **Madison, WI**
B.A. in Economics and Mathematics   09/2018-05/2021
- **Overall GPA**: 3.793/4.0   **Math Major GPA**: 3.81/4.0   **Econ Major GPA**: 3.87/4.0
- **Honors & Awards**: Dean's List in 4 semesters; 2020 Nathan Brand Awards for Sustainable Development Research; 2020 Lenell Goodman Ammerman Scholarship; UW-Madison College of Letters & Science Undergraduate for Distinctive Scholastic Achievement

Professional Experience

China Great Wall Securities   Madison, WI
Intern (Remote), Financial Research Institute   06/2020-08/2020
- Collected, collated, and analyzed information and data of China's auto wind tunnel industry using Excel
- Researched the thermal management system (TMS) of Zhongding Group's new energy automobile
- Gathered and summarized necessity, industry structure, development tendency, and risk factors of TMS
- Referred to industry-related research and annual reports, financial news, and synthesized data to help with different projects
- Assisted in drafting the "New Energy Automobile TMS," part of the Zhongding Group's research report
- Utilized Wind Database to extract and collate data included in the research report
- Took charge of maintaining and updating the Wind Database

China Construction Bank   Weifang, China
Intern, Personal Finance Department   06/2019-08/2019
- Assisted the lobby manager in receiving and directing around 100 clients per day
- Handled ETC business for approximately 500 clients in total (Automatic electronic payment for highways)
- Participated in department manager's meetings with clients, wrote meeting reports and called back to clients

AXA Equitable Life Insurance Company   Hong Kong
Intern   02/2017
- Participated in insurance sessions and clients' meetings, wrote meetings reports and conducted case analysis
- Designed products, questionnaires and advertisements for a NPO organization, nominated the "Excellent Team"

Research Experience

Research Assistant, **Research on Weather and Mortgage Default**   06/2020-08/2020
- Gathered and integrated nationwide Home Mortgage Disclosure Act (HMDA) data with all records from 2007 to 2017
- Searched non-restricted and final HMDA LAR panel data prior to 2007 that matched HMDA data between 2007 and 2017
- Compared HMDA data prior to and after 2007 in variables and element label
- Transferred the format of HMDA data prior to 2007 to txt. format using SPSS and analyzed data using Stata

LEED Certification of Monona Terrace   02/2020-05/2020
- Researched literature relating to Leadership in Energy and Environmental Design (LEED) and history of Monona Terrace
- Analyzed impacts of Monona Terrace's LEED certification on the sustainability of the Terrace, the local economy, and trends in sustainability in the national convention center market based on large-scale analytics
- Presented the research and results in a PowerPoint presentation in front of a professor and over 40 students

A Regression Model for Prediction of House Price Indexes (HPI)   02/2020
- Calculated the average and median HPIs by using housing transaction data from 2000 to 2016
- Launched a regression model to estimate the hedonic HPI aiming at exploring how variables impacted it and conducted t-test
- Plotted and analyzed the comparison of the average, median, and hedonic HPIs using Excel

Leadership & Community Involvement

Active Member, **Public Relations Department of Chinese Undergraduate Student Association**   09/2018-05/2021
- Imported over $10,000 sponsorship for CUSA each year and managed long-term relationships with major sponsors
- Successfully obtained $6,000 funding support for the event of *MadStar*, attracting over 1,000 attendances

Co-operator, **Break Time Campus Coffee Shop**   10/2017-06/2018
- Participated in daily operation of the coffee shop, managed the supply and inventory and designed promotions
- Served more than 900 students and 100 teachers in college, made a profit about $10,000 in total a year

Skills & Certificates

- Technical Skills: Stata, Python, MATLAB, Wind Database, SPSS, SQL, Microsoft Office, Apple Pages and Numbers
- Certificate: CFA I Candidate

Yuqing (Philo) Wang

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EDUCATION

Columbia University	New York, USA
M.A. in Economics	*Sept. 2021 – Dec. 2022 (expected)*
Southwestern University of Finance and Economics	Chengdu, China
Research Institute of Economics and Management, BSc Economic	*Sept. 2017- July 2021*
Columbia University	New York, USA
Visiting Program	*Aug. 2019 – May 2020*
University of California, Berkeley	Berkeley, USA
Summer School Program	*July 2018 - Aug. 2018*

WORK EXPERIENCE

Research Analyst for United Nations Development Programme — New York, USA
Human Development Report Office — *May - Sept. 2022(expected)*
- Provided assistance for quantitative and qualitative background research, undertook literature reviews, reviewed and verified statistical materials for the human development report.
- Participated in the edition of Human Development Report 2022.
- Specialized in methodology study and data research on political regimes, democracy and governance.

Research Assistant for UN Sustainable Development Solutions Network — New York, USA
The World in 2050 — *May 2022 – Present*
- My research aims to create macroeconomics models of global and national change — economic, demographic, technological, and environmental — between now and 2050, to help design policy and investment pathways to sustainable development.
- Calibrated the SDG financing model, built the education and infrastructure data set for 10 developing countries and interpreted the GAMS code.
- Facilitated the research team for weekly meeting, set up the agenda and communicated with external economists.

Research Assistant for Prof. Jeffrey Sachs — New York, USA
Columbia University — *Sept. 2021 – Present*
- Estimated the financing gap to realize Sustainable Development Goals for low-income countries and simulated the estimation into different general equilibrium models to solve for the optimal trajectories of the economics.
- Built an Indonesia Macroeconomic dataset containing demographics, value-added by sector and infrastructure information.

Advisory Intern for PricewaterhouseCoopers — Chengdu, China
Deals Department — *Mar. – June 2021*
- Assisted in financial assessment modelling using MS Excel, collected and updated corporate data, conducted preliminary analysis on financial statements.
- Engaged in financial due diligence reports drafting and Chinese pharmaceutical industry analysis reports drafting.

Teaching Assistant — Chengdu, China
Microeconomics (undergraduate), Southwestern University of Finance and Economics — *Sept. 2018 – Jan. 2019*
- Provided tutorial for students. Topics include competitive market equilibrium, monopoly and introduction to game theory.

PROJECTS

Working Paper: Impact of Social Accessibility on Educational Attainments of Girls — Chengdu, China
Coauther with Prof.Hanol Lee, under review — *Sept. 2020 – Present*
- Focus on the female schooling consequences and birth order effect of the 2018 Sanitary Towels Program in Kenya
- Applied propensity score matching method and machine learning technique to evaluate program effect on schooling

2018 SWUFE Innovation and Research Program — Chengdu, China
Nationally acknowledged — *Jan. 2018 – July 2018*
- Applied maximum likelihood model to study the effect of building a school-wide bike rental system and found out that building a school-wide internal bike rental system solves the short of bike supply during peak hours

RIEM Research Competition — Chengdu, China
Ranked No.1 — *Nov. 2018*
- Studied the parental divorce effect on offspring's romantic relationships and used the propensity score matching technique to analyze the inter-generational effect

HONORS AND SKILLS

Statistical Software: Stata, R, LaTeX, General Algebraic Modeling System(GAMS), MATLAB
Honors: Tuition sponsorship from UN Sustainable Development Solutions Network; Excellence in Academic Scholarship Award in 2018 and 2019; SWUFE Scholarship for Studying Abroad in 2018; Award for Research (Top 0.7 percent) in 2018; Award for Innovation (TOP 0.7 percent) in 2017
Languages: Chinese Mandarin (Native), Chinese Cantonese (Native), English (IELTS:8.0), French (B1 level)
Interests: Piano (First prize in the Asian Piano Opening Competition), Ballet, Gymnastics (First prize Chinese nationals)

Yihuang Wu

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EDUCATION

Columbia University   Sept. 2021 – Dec. 2022
Master of Arts in Economics   New York City, New York
- Relevant Coursework: Econometrics I & II, Financial Economics, Macroeconomics I & II, Microeconomics I & II

Carleton College   Sept. 2016 – Jun. 2020
Bachelor of Arts in Statistics and Economics   Northfield, Minnesota
- Cumulative GPA: 3.82 | Honors: Cum Laude, Annual Dean's List 2017 – 2019
- Relevant Coursework: Advanced Statistical Modeling, Bayesian Statistics, Statistical Computing

Aquincum Institute of Technology   Sept. 2018 – Dec. 2018
Off-Campus Study Program in Computer Science   Budapest, Hungary

PROFESSIONAL EXPERIENCE

Shenwan Hongyuan Securities   Jun. 2021 – Oct. 2021
Equity Research Intern   Shanghai, China
- Performed time series analysis to forecast revenue of aerospace and defense companies, using military spending, GDP, advance payment, and/or related party transactions as regressors
- Fitted a mixed effects model to estimate profit margin of different types of defense contracts, using U.S. government spending data and firm-level fundamentals
- Created a database of military aircraft and naval ships to predict future demand of China's defense industry
- Built financial models for 4 companies and used multiples and the FCFF model to obtain stock valuations
- Collaborated in a team of three to produce 5 research reports and 30 roadshow presentation slides

Anbound Consulting   Feb. 2021 – May 2021
Research Assistant   Beijing, China
- Monitored trends, policies, and data of automotive, mining, steel, and healthcare industries
- Derived carbon intensity reduction target as a function of GDP growth to inform policy-making
- Compiled a 113-page report on China's existing free-trade zones to assist a local government in regional planning

Bank of China   Sept. 2020 – Nov. 2020
Analyst Intern   Nanjing, China
- Processed corporate clients' transaction data to identify potential depositors
- Aggregated loan data to calculate the increase in delinquency rate after the COVID-19 pandemic
- Created reports to gauge the effect of government policies that support post-COVID economic recovery

RESEARCH PROJECTS

Finding Alpha in Earnings Surprise   Jan. 2022 – Apr. 2022
Financial Economics Class Project   Columbia University
- Developed a long-short strategy by sorting stocks on the average of time-discounted earnings surprise, which generated a significant alpha of 1.26% monthly based on the Carhart four factor model
- Used SAS to retrieve, merge, and manipulate data from the WRDS database for backtesting

Post-Privatization Performance of Chinese State-Owned Enterprises   Sept. 2019 – Mar. 2020
Senior Thesis in Economics   Carleton College
- Fitted fixed effects models in R to estimate the effect of private ownership on net profit margin, return on assets, and asset turnover for more than 330,000 industrial firms
- Transformed raw data into control variables that measure soft-budget constraints and market competition

ACTIVITIES

Carleton Orchestra, *Second Violin*   Sept. 2016 – Jun. 2019
Professional Association of Diving Instructors, *Advanced Open Water Diver*   Nov. 2018

SKILLS

Programming: Python, Java, R, MATLAB, SAS, SQL, Kotlin
Software: Stata, LaTeX
Language: Chinese (native), English (fluent)

Ziyang Xiao

Tel: +1 3322098823 | Add: New York, NY 10024 | Email: zx2310@columbia.edu
Authorized to work in the United States with OPT, STEM Extension; Passed CFA I and II

EDUCATION

Columbia University in the City of New York — **New York, NY**
Master of Art in Economics, GPA: 3.7/4.0 — 09/2021-12/2022
Jiangxi University of Finance and Economics — **Nanchang, China**
Bachelor of Art in Finance, GPA: 92.2/100 (Top 1%) — 09/2016-06/2020
- **Honors**:
- CFA Institution Student scholarship
- First-class Overseas Student Scholarship for Outstanding Undergraduate (top 1%)
- Advanced Individual and Merit Student Scholarship

University of Pennsylvania — **Philadelphia, PA**
Exchange Student Program, GPA: 3.9/4.0 — 09/2018-06/2019

RELATED EXPERIENCE

Genesis Capital (USD PE invested DiDi) — **Beijing, China**
Investment Intern in TMT team — 04/2021-08/2021
- Supported the whole process of an investment deal - engaged in due diligence, conducted research on China and US industry, and used excel to build valuation models to analyze the start-up's profitability and value
- Interviewed 30+ Startup CEOs, learnt about their business plans, followed up and performed field research for select CEOs
- Independently initiated the investment team into a start-up in printing industry by doing research and industry expert interview
- Participated in quarterly symposium to learn investment strategy of Genesis Capital systematically, as the only qualified intern

SWS Research — **Shanghai, China**
Research Intern — 03/2020-03/2021
- Independently conducted equity research report of Great Star and CPMC Holdings, conducted equity research on 20+ companies to evaluate various special-situation and value investment opportunities
- Tracked and summarized announcements of 124 target companies for over four months, got a clear picture of industry dynamics
- Managed and attended 40+ investor calls and contributed to team decision-making by taking detailed notes on discussions

Ping An Assets Management Company — **Shenzhen, China**
Derivative Investment Intern — 07/2019-10/2019
- Analyzed the possibility of our team to construct a Smart Beta fund, researched on various Smart Beta strategies used in China
- Established and tested the return of four construction methods of index tracking dividend factor with the data of CSI 300
- Analyzed the possibility of constructing a fund product tracking transferable bond index in OTC market, conducted industrial research on OTC bond markets in US and China

National Union Life and Limb Insurance Company — **Hong Kong, China**
Sales Intern — 02/2017
- Conducted an analysis report of market environment and sales strategies aiming at high net-value clients in mainland China
- Conducted a competitors analysis report of an insurance product called "Health 130"

RESEARCH PAPERS & PROJECTS

Drivers of Stock Market Expectations of Households
Published on AICBEM 2020 Oxford Conference Journal — 01/2020
- Tested factors driving individuals' expectations of the stock market by applying the stepwise regression model and PCA in Python

Can chasing hot stocks outperform the market?
Published on China Circulation Economy 2020, (15) — 08/2020
- Constructed and tested two quantitative investment strategies simulating irrational investment behaviors, got annual -67.6% return

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Penn Quant Trading Club — **Philadelphia, PA**
U.S Bond Sector VP — 09/2018-05/2019
- Presented the reports on analysis and market prediction to inform on the recent situation of U.S treasuries on a weekly basis

Student Union of International School — **Nanchang, China**
Presidium Secretary — 09/2017-09/2018
- Took charge of task allocation and daily routines management of 2,579 students in the College and 34 departments in student union
- Reformed data collection methods to improve efficiency and transparency, shortened collection period from 3-7 days to 1-3 days

SKILLS

- **Statistical Program & Database**: Python, R Studio, Stata, Excel, Bloomberg, Wind
- Certificate: **CFA Level I and II**; Securities Qualification Certificate; AMAC Certification
- Language: English, Mandarin

YUNJIE (GRACE) XIE

Email: yx2720@columbia.edu | Mobile (+1) 917-257-4571

EDUCATION

Master of Arts in Economics, Columbia University   9/2021-Expected in 12/2022

- **Core Courses:** Microeconomics Analysis, Macroeconomics Analysis, Econometrics, and Modern Analysis.

Bachelor of Taxation, School of Finance, Renmin University of China (RUC)   9/2017-6/2021

- **GPA:** 3.82/4.0 (WES: 3.88/4.0)   **Ranking:** 1/26

PKU-UChicago International Policy Action Lab Program (IPAL)   7/2020

Exchange Student, College of Arts, Humanities & Social Sciences, The University of Edinburgh   9/2019-12/2019

SKILLS & ADWARDS

- **Computer Skills:** Proficient in Stata, R, MATLAB, SAS, GAMS, SQL, Microsoft Office Package, and LaTeX.
- **English Skills:** GRE 330 (V161 Q169 W4), TOEFL 106 (R30 L29 S23 W24)
- **Awards & Honors:** First Place of CSBS 2021 Data Analytics Competition (representing UC Irvine), Glowworm Scholarship.

RESEARCH/TEACHING ASSISTANT EXPERIENCE & PROFESSIONAL EXPERIENCE

RA of Prof. Jeffrey SACHS, Director of Center for Sustainable Development, Columbia University   9/2021-5/2022

Project : The World in 2050

- The project aims to create models of global and national change: economic, demographic, technological, and environmental, between now and 2050

RA of Prof. Karla HOFF, Adjunct Professor of International and Public Affairs, Columbia University   5/2022-Present

Project : The Invisible Hand of Culture: New Understandings of Social Progress and Societal Rigidities

- Assisted professor on the structure and content of the coming book

TA of Undergraduate level Financial Economics, Columbia University   1/2022-5/2022

- Hold weekly recitations and office hours includes theory and application of capital pricing models

Co-Research with Prof. Tomoki FUJII, Associate Dean of School of Economics, Singapore Management University 4/2020-Present

Project I: Evaluating the non-nested double sampling method in the trade-off between the cost of data collection and statistical precision

(RA of Professor FUJII)

- Conducted Stata coding for an r-class .ado file for calculating and evaluating the non-nested double-sample estimators

Project II: Exploring the relationship between the poverty reduction and public expenditure of Philippines

(Co-Researcher of the project with Professor FUJII)

- Decomposed the poverty changes into six parts and used data of public expenditure of different fields in Budget of Expenditures and Sources of Financing of Philippines to analyze the poverty reduction effects of certain public expenditure
- Explored the impact and mechanism of political dynasties on government resource allocation and regional poverty reduction under different government levels

RA of Prof. Gary Richardson, Professor of Department of Economics, University of California, Irvine   5/2020-5/2021

Project: Financial Data Processing and Analysis

- Applied Optical Character Recognition technology to transform scanned structured and semi-structured texts into high-quality databases.
- Used data from Annual Report of the Comptroller of the Currency in 19th century and Rand McNally (Financial Data for Banks) to analyze the effects of market shocks

INTERNSHIP EXPERIENCE

The World in 2050 Research Intern, Sustainable Development Solutions Network (SDSN)   5/2022-Present

- Assisted in the data collection, organization, and modelling
- Assisted in set up a system of computable general equilibrium (CGE) model of global and national change: economic, demographic, technological, and environmental, between now and 2050

Coordination Assistant of COVID-19 Response China Support, United Nations World Food Programme (UNWFP) 3/2020-7/2020

- Assisted in the coordination between internal and external units of UNWFP's COVID-19 response that related to China
- Supported sourcing process and procedures of emergency related health and relief items with Chinese suppliers
- Followed up on the progress information of supply chain services and manage vendor databases
- Facilitated for the World Food Program to establish a humanitarian emergency warehouse in China

Hairuo (Hailey) Yi

hy2705@columbia.edu | +1 332-250-3575

EDUCATION

Columbia University in the City of New York   **New York, USA**
Master of Arts in Economics   *Sept. 2021 – Dec 2022*
(Expected)

University of Toronto   **Toronto, Canada**
Honors Bachelor of Science with High Distinction   *Sept. 2017 – Jun. 2021*
- **Programs:** Financial Economics Specialist, History of Art Minor
- **GPA & Honors:** 3.91/4.00; Dean's List Scholar (Top 15% | 2018-2021); New College Council In-Course Scholarship (Top 5% | 2019); Banker's Scholarship in Economics (Top 1 in Macroeconomics | 2019)

RELATED EXPERIENCE

Shenwan Hongyuan Securities   **Beijing, China**
Summer Intern | Fixed Income, Currencies, and Commodities Division   *May 2021 – Aug. 2021*
- Responsible for tracking the daily volatility of 400+ bonds using Wind database; sorted the information using Excel and Python and provided daily commentary on the performance of portfolios, with a focus on issuer risk
- Independently created 15+ company analysis reports to assist team's risk assessment and investment decisions on selected real estate companies and urban development companies

Bank of Communications   **Jiangsu, China**
Off-Cycle Intern | International Settlement Division   *Nov. 2020 – Feb. 2021*
- Assisted daily account settlement & fund transferring with domestic and foreign banks through the SWIFT system
- Participated in the issuance of the letter of credit (LC) to facilitate trading companies, especially worked closely with local startups in the textile industry which faced Indonesian and Malaysian clients

RELATED PROJECTS

University of Toronto   **Toronto, Canada**
Forecasting and Time Series Econometrics   *Jun. 2019 - Aug. 2020*
- Processed the FRED database and developed models using Excel and R Studio to predict the tendency of sales
- Analyzed the data using the Holt-Winter's Exponential Smoothing model and the ARMA model
- Produced the most accurate model and the best forecast out of the entire class (ranked 1/50)

University of Toronto   **Toronto, Canada**
Comparative Analysis: Canadian and the U.S. Economy (1950-2014)   *Feb. 2019 – Mar. 2019*
- Used Excel and Stata to visualize various productive ratios between Canada and USA from the Penn World Table database, and explored the potential reasons of variation with a focus on factor misallocations

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

University of Toronto Chinese Volunteer Association (UTCVA)   **Toronto, Canada**
Public Relations Director   *Mar. 2020 – Jun. 2021*
- Organized 15+ campus-wide events and raised at least 20k CNY per year to support the rural teaching program
- Responsible for Mathematics teaching in a class of 60+ in a middle school located in one of the poorest areas in China

University of Toronto Economics Peer Mentorship Program   **Toronto, Canada**
Peer Mentor   *Sept. 2019 – Apr. 2020*
- Led a team of 5 to work on projects focusing on Behavioral Economics and produced 20+ academic reports

CERTIFICATIONS & SKILLS

- **Certifications:** SAS Certified Base Programmer
- **Skills:** Stata, SAS, iMovie, MATLAB, Excel, PowerPoint, Python, R-Studio, Wind Database

DANNI ZUO

☏ +1 646 705 6406   ⦿ New York, NY   ✉ dz2460@columbia.edu

EDUCATION

Columbia University, NY   09/2021 – 12/2022 (expected)
Degree: Master of Arts in Economics

Wilfrid Laurier University, Ontario   09/2016 – 04/2020
Degree: Honors Bachelor of Arts in Economics and Financial Management (GPA:3.7/4)
Minor: Financial Mathematics

PROFESSIONAL EXPERIENCE

Wilfrid Laurier University, Waterloo, Canada   01/2020 – 05/2020
Research Assistant
- Conducted literature reviews on 18 academic papers on asset market and consumption-based capital asset pricing model (CCAPM); Analyzed the power of alternative CCAPMs in predicting asset market index returns in Canada
- Performed statistical analysis with software R & Eviews on market data collected from Statistics Canada including interest rate, housing price, stock price, hourly wage, etc.; Summarized and validated the analysis results to ensure rationality
- Expanded original consumption database from 2016 to 2019 and conducted statistical analysis with Eviews to predict housing and stock market index returns in Canada

China International Capital Corporation Limited (CICC), Beijing, China   09/2019 – 12/2019
IBD Intern
- Participated in a technology company's IPO that planned to raise 1.49 billion RMB:
  - Developed due diligence questionnaire for end-user and supplier with 37 questions
  - Implemented the company's IPO valuation in Excel using comparable company analysis (CCA)
- Conducted industry research for deal sourcing:
  - Created company profile and summarized financials of 28 acquisition targets
  - Drafted pitch deck for Retail & Fresh Food industry and Cultural Tourism industry
  - Cross-studied the Relationship and Future Development Model and summarized findings in pitch deck

FOOD HWY ONTARIO INC., Toronto, Canada   03/2018 – 09/2018
Regional Marketing Leader
- Researched local food-delivery service market using Customer Persona; conducted competitive product analysis (our advantage: ability to provide service in Mandarin and to acquire exclusive partner through commission discount)
- Developed and implemented new partnership strategies and successfully increased exclusive partner rate from 50% to 80%
- Built reporting dashboard with Tableau to visualize KPI movement and assist management's decision-making process

VOLUNTEER EXPERIENCE

SavvyPro Edu Inc., Toronto, Canada   09/2020 – 08/2021
Full-time Tutor
- Delivered over 100 customized tutoring sessions in Microeconomics and Macroeconomics to over 300 students with detail-focused and easy-to-understand PowerPoint slides
- Guided students in studying strategies, and notetaking skills; Helped them achieve academic success by improving 35% average score; Received more than 95% positive feedback such as patience and appropriate pace from students

International Office, **Wilfrid Laurier University, Waterloo, Canada**
Translator Volunteer
- Translated the audio interview about Gendered Violence Research from Mandarin to English   11/2017

SKILLS

- Proficiency in MS Office skills - Excel (formulas, power query & pivot table), PowerPoint, Word
- Advanced statistical and econometric analysis using STATA and R
- Strong knowledge in data ETL and modelling using SQL/Excel and data visualization using Tableau/PowerBI
- Language: Mandarin (Native); English (Proficiency); Japanese (Beginner)