

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK



# DEPARTMENT OF ECONOMICS

Master of Arts Resume Book

COLUMBIA UNIVERSITY  
IN THE CITY OF NEW YORK

ECONOMICS

June 2022

Dear Employers,

I take great pride in presenting to you the 2022 graduating cohort of Columbia University's Master's in Economics. I am sure that you will find many top-quality candidates among them.

The program has been a great success since Columbia University established it in 2015. We receive every year hundreds of applications from highly qualified candidates. Since we can only admit a small fraction of the applicants, we have the privilege to work with outstanding, hard-working students.

We provide them with state-of-the-art education in the main fields of economics, from theory to its application to data.

We would appreciate hearing from you about your personnel requirements. Please do not hesitate 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](mailto:bsalanie@columbia.edu)  
Phone: 212 854 8059

Shane Bordeau  
Columbia University  
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Columbia University  
Program Coordinator of the Master's Program in Economics  
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# Talal Mohammad Alshammari

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## EDUCATION

**Columbia University** – New York City, NY  
*Masters of Art in Economics*

*Aug 2021-Dec 2022*

**The Pennsylvania State University** - University Park, PA  
*Bachelor of Science in Chemical Engineering*  
*Bachelor of Science in Economics*

*Aug 2017-May 2021*

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## EXPERIENCE

**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

**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

**Pennsylvania State University** – State College, PA

*May 2020-August 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

*May 2019- May 2021*

### Kuwaiti Students Association President

- Volunteered an average of 11.5 hours a week to administrative and promotional tasks for the organization
- Organized fundraising events in Washington DC, Philadelphia, and Kuwait, collecting over \$5000 for pediatric cancer research and financial support of the affected families.
- led several events for Kuwaiti students at Penn State and helped Incoming Students transition to college life in a new country
- 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%
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**BNY Mellon** – Boston, MA

*June 2022- Aug 2022*

### Senior Summer Analyst

- Assisted in creating and updating marketing and competitor analysis for NAV Solutions services
  - Developed and updated proforma calculators for Global Fund Access and NAV Solutions services.
  - Collaborated with other product managers to productize capabilities for client onboarding and data solutions for a client's regulatory needs.
  - Analyzed the market for the products and documented our operational processes and cost drivers
  - Transformed data into analytic tools and materials used in the sales process
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## 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

# YIZHOU CHAO

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## EDUCATION

<b>Columbia University</b> , New York, NY <i>Master of Arts in Economics</i>	Sept. 2021 - Dec. 2022
<b>New York University</b> , New York, NY <i>Bachelor of Arts in Economics and Psychology</i>   Cumulative GPA: 3.88/4.0 <b>Honors:</b> Dean's List for Academic Year ('17 - '18 & '18 - '19')	Sept. 2017 - May 2020

## RELATED EXPERIENCES

<b>Daxue Consulting</b> <i>Market Research Assistant</i> <ul style="list-style-type: none"><li>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</li><li>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.</li></ul>	Jan. 2021 - June 2021 <i>Shanghai, China</i>
<b>Tractus Investment Consulting (Shanghai) Co., Ltd.</b> <i>Research Analyst Intern</i> <ul style="list-style-type: none"><li>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.</li><li>Assisted an American BBQ sauce company in analyzing China's condiment market and drafted a market report</li><li>Cold called over 100 companies to help foreign investors enter China; searched for domestic incubators, agents, and distributors</li></ul>	Sept. 2020 - Dec. 2020 <i>Shanghai, China</i>
<b>Techie Youth</b> <i>Opportunity Researcher</i> <ul style="list-style-type: none"><li>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</li></ul>	Aug. 2020 - Sept. 2020 <i>Remote Work</i>
<b>New York University Cognitive Development Lab</b> <i>Research Assistant</i> <ul style="list-style-type: none"><li>Collected behavioral data via Qualtrics; ran studies on over 30 children ages 4-10 in the lab and museums</li><li>Processed and coded visual and auditory data to verify experimenters' records and ensure data accuracy</li><li>Designed research stimuli for study investigating the development of essentialist thinking in children ages 3-5</li><li>Recruited and scheduled over 50 subjects with Google Calendar for in-lab studies by phone and e-mail</li></ul>	Sept. 2018- May 2019 <i>New York, NY</i>

## ADMINISTRATIVE EXPERIENCE

<b>New York University School of Law</b> <i>Human Resources Student Assistant</i> <ul style="list-style-type: none"><li>Assisted supervisor in the completion of new employees hiring process; processed confidential documents</li><li>Updated and managed HR and payroll information in the University's online system using PeopleSync</li><li>Answered walk-in employees' inquiries about the timesheet completion and payment process</li></ul>	Aug. 2018- Sept. 2018 <i>New York, NY</i>
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## VOLUNTEER WORK

<b>Bryn Mawr College VITA</b> <i>Income Tax Preparer</i>	Feb. 2017- Apr. 2017 <i>Bryn Mawr, PA</i>
<b>Lower Merion School District</b> <i>Student Tutor</i>	Sept. 2016- Apr. 2017 <i>Lower Merion, PA</i>

## 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

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### Columbia University

*Master of Arts in Economics*

New York, NY

09/2021 – 12/2022

- Macroeconomic Analysis, Microeconomic Analysis, Econometrics, International Economics, Mathematical Methods for Economists

### Renmin University of China

*Bachelor of Economics*

Beijing, China

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

*Summer Exchange Student*

Quebec, Canada

07/2019 – 08/2019

- GPA: 4.15/4.30 (International Perspectives on Employment Policies – A+; International Human Resource Management – A)

## Internship Experience

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### BA Capital

*Investment Analyst Intern*

Shanghai, China

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

*Investment Analyst Intern*

Shanghai, China

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

*Equity Research Intern*

Beijing, China

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

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### College Choir

*Mentor*

Beijing, China

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

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

# 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

# MARÍA BELÉN HÍPOLA

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## Education

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### Columbia University, New York City

#### Master of Arts in Economics

New York City

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

#### Bachelor’s in Mathematics and Statistics

Madrid

Sept. 2014-Feb. 2020

Capstone thesis: CG-AdaBoost: the classification algorithm AdaBoost from a cooperative game perspective.

### Universidad Complutense de Madrid

#### Université Paris-Dauphine – Erasmus Grant

Madrid

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

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### Columbia University - Program for Economic Research

#### Research Fellow

New York City

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)

#### Fiscal Policy Fellow

New York City

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

#### Full-Time Intern

Madrid

June 2019-Feb 2020

- Validated credit risk models (scoring and PD models) with replication and critical analysis.

### Universidad Complutense de Madrid

#### Research Fellow

Madrid

Sept. 2016-June 2019

- Carried out research on 19<sup>th</sup> century Spanish regional economic history.

## Publications and Media Articles

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### 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

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### 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

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## 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 1<sup>st</sup> Place, 2020 Point72 Case Competition 2<sup>nd</sup> Place, 2019 Powder Gate Stock Pitch Competition 3<sup>rd</sup> 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



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# Xiaoou Jin

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## EDUCATION

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**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

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**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

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**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

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

## Jiachen/ Jenn Liu

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### EDUCATION

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#### 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

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#### 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 due diligence projects for two potential IPOs (a logistics company and a telecom provider), sorting out basic information, reconciling 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

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#### 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

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**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

*M.A. in Economics (STEM)*

New York, NY

09/2021-Present

### University of Wisconsin-Madison

*B.A. in Economics and Mathematics*

Madison, WI

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

### Great Wall Securities

*Intern (Remote), Financial Research Institute*

Madison, WI

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
- Drafted the New Energy Automobile TMS part included in the research report of Zhongding Group after referring to related industry research reports, financial news, and annual reports and synthesizing data collected
- 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

*Intern, Personal Finance Department*

Weifang, China

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

*Intern*

Hongkong

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 Power Point 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: Stata, Python, MATLAB, Wind Database, SPSS, Microsoft Office, Apple Pages and Numbers
- Certificate: CFA I Candidate

**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/>

# Eric S Mosher

New York, NY

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e.s.mosher@gmail.com

## 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

<b>Columbia University</b>	09/2021 – 12/2022
Master of Arts in Economics	(expected)
<b>Singapore Management University</b>	08/2017 – 05/2021
Bachelor of Science in Economics	
<ul style="list-style-type: none"><li>GPA: 4.00/4.00</li><li>Senior Thesis: <i>Impact of Private Long-term Care Insurance on Preventive Health Behaviors</i></li></ul>	
<b>London School of Economics and Political Science</b>	07/2019 – 08/2019
LSE Summer School	
<ul style="list-style-type: none"><li>Advanced Econometrics (A+)</li></ul>	

## PROFESSIONAL EXPERIENCE

<b>Research Assistant, Professor Christine Ho, SMU Economics</b>	12/2019 – 08/2021
<ul style="list-style-type: none"><li>Carried out literature review to examine changes and differences in generosity of tax policies in encouraging insurance purchase in various countries</li><li>Collated and cleaned data obtained from publicly available reports using Stata and R</li></ul>	
<b>Research Assistant, Professor Li Jing, SMU Economics</b>	03/2019 – 12/2019
<ul style="list-style-type: none"><li>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</li><li>Performed data cleaning on a dataset containing information of patent applications in China and transforming it into format appropriate for panel data analysis</li></ul>	
<b>Research Intern, Economics Department, Ministry of Trade and Industry, Singapore</b>	05/2019 – 07/2019
<ul style="list-style-type: none"><li>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</li><li>Collected and cleaned data to estimate robot density and instrument for migrant shares</li><li>Performed statistical analysis in Stata using panel data and time series methods</li></ul>	
<b>Teaching Assistant (Advanced Microeconomics, Public Sector Economics, Family Economics)</b>	01/2020 – 05/2021
<ul style="list-style-type: none"><li>Prepared a mathematical appendix covering concepts in real analysis, statistics, and calculus</li><li>Conducted weekly consultation sessions for students to clarify doubts on class content</li><li>Conducted a demonstration tutorial before exams to review class materials</li></ul>	

## LEADERSHIP & ACTIVITIES

<b>Meals-on-Wheels Volunteer, TOUCH Community Services</b>	12/2018 – 11/2019
<ul style="list-style-type: none"><li>Delivered meals for home-bound elderly on a weekly basis</li></ul>	
<b>Finance Director, SMU Inspirar</b>	12/2017 – 12/2018
<ul style="list-style-type: none"><li>Performed budgeting and tracking of finances to ensure project stayed within budget</li><li>Planned games and exercises for elderly in weekly visits to 5 elderly centers to promote active ageing</li><li>Organized a 3-day orientation camp for 128 freshmen to bond and integrate them into SMU</li></ul>	
<b>Logistics Team, SMU Challenge</b>	05/2018 – 07/2018
<ul style="list-style-type: none"><li>Organized a carnival event that raised \$8,000 for students in Mountbatten Vocational School (MVS)</li><li>Conducted weekly activities for students of MVS to learn lifelong skills</li></ul>	

## 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

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### 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

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### 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

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### 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

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**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

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## EDUCATION

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**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

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**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

**Optimize** | 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

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**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

# 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*

*Sept. 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 9<sup>th</sup> 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

# ZEKI BERKAY SAYGIN

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## 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, L<sup>A</sup>T<sub>E</sub>X, 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

**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) - 1<sup>st</sup> 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**

New York, NY

06/2022 – present

*Macroeconomics Summer Analyst*

- 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)**

Mexico City, Mexico

02/2021 – 08/2021

*International Macroeconomic Analyst*

- 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**

New York, NY (remote)

09/2020 – 02/2021

*Project Manager*

- 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)**

Mexico City, Mexico

04/2019 – 08/2020

*Research Assistant for Prof. Marcelo Delajara, Ph.D.*

- 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**

Mexico City, Mexico

02/2020 – 06/2020

*Research Assistant for Vivian Bronsoler Nurko*

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

# 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

Master of Art in Economics, GPA: 3.7/4.0

New York, NY

09/2021-12/2022

### Jiangxi University of Finance and Economics

Bachelor of Art in Finance, GPA: 92.2/100 (Top 1%)

Nanchang, China

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

Exchange Student Program, GPA: 3.9/4.0

Philadelphia, PA

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

<b>Master of Arts in Economics, Columbia University</b>	<b>9/2021-Expected in 12/2022</b>
<ul style="list-style-type: none"><li>● <b>Core Courses:</b> Microeconomics Analysis, Macroeconomics Analysis, Econometrics, and Modern Analysis.</li></ul>	
<b>Bachelor of Taxation, School of Finance, Renmin University of China (RUC)</b>	<b>9/2017-6/2021</b>
<ul style="list-style-type: none"><li>● <b>GPA:</b> 3.82/4.0 (WES: 3.88/4.0)    <b>Ranking:</b> 1/26</li></ul>	
<b>PKU-UChicago International Policy Action Lab Program (IPAL)</b>	<b>7/2020</b>
<b>Exchange Student, College of Arts, Humanities &amp; Social Sciences, The University of Edinburgh</b>	<b>9/2019-12/2019</b>

## 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

<b>RA of Prof. Jeffrey SACHS, Director of Center for Sustainable Development, Columbia University</b>	<b>9/2021-5/2022</b>
<i>Project : The World in 2050</i>	
<ul style="list-style-type: none"><li>● The project aims to create models of global and national change: economic, demographic, technological, and environmental, between now and 2050</li></ul>	
<b>RA of Prof. Karla HOFF, Adjunct Professor of International and Public Affairs, Columbia University</b>	<b>5/2022-Present</b>
<i>Project : The Invisible Hand of Culture: New Understandings of Social Progress and Societal Rigidities</i>	
<ul style="list-style-type: none"><li>● Assisted professor on the structure and content of the coming book</li></ul>	
<b>TA of Undergraduate level Financial Economics, Columbia University</b>	<b>1/2022-5/2022</b>
<ul style="list-style-type: none"><li>● Hold weekly recitations and office hours includes theory and application of capital pricing models</li></ul>	
<b>Co-Research with Prof. Tomoki FUJII, Associate Dean of School of Economics, Singapore Management University</b>	<b>4/2020-Present</b>
<i>Project I: Evaluating the non-nested double sampling method in the trade-off between the cost of data collection and statistical precision</i>	
<i>(RA of Professor FUJII)</i>	
<ul style="list-style-type: none"><li>● Conducted Stata coding for an r-class .ado file for calculating and evaluating the non-nested double-sample estimators</li></ul>	
<i>Project II: Exploring the relationship between the poverty reduction and public expenditure of Philippines</i>	
<i>(Co-Researcher of the project with Professor FUJII)</i>	
<ul style="list-style-type: none"><li>● 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</li><li>● Explored the impact and mechanism of political dynasties on government resource allocation and regional poverty reduction under different government levels</li></ul>	
<b>RA of Prof. Gary Richardson, Professor of Department of Economics, University of California, Irvine</b>	<b>5/2020-5/2021</b>
<i>Project: Financial Data Processing and Analysis</i>	
<ul style="list-style-type: none"><li>● Applied Optical Character Recognition technology to transform scanned structured and semi-structured texts into high-quality databases.</li><li>● Used data from Annual Report of the Comptroller of the Currency in 19<sup>th</sup> century and Rand McNally (Financial Data for Banks) to analyze the effects of market shocks</li></ul>	

## INTERNSHIP EXPERIENCE

<b>The World in 2050 Research Intern, Sustainable Development Solutions Network (SDSN)</b>	<b>5/2022-Present</b>
<ul style="list-style-type: none"><li>● Assisted in the data collection, organization, and modelling</li><li>● 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</li></ul>	
<b>Coordination Assistant of COVID-19 Response China Support, United Nations World Food Programme (UNWFP)</b>	<b>3/2020-7/2020</b>
<ul style="list-style-type: none"><li>● Assisted in the coordination between internal and external units of UNWFP's COVID-19 response that related to China</li><li>● Supported sourcing process and procedures of emergency related health and relief items with Chinese suppliers</li><li>● Followed up on the progress information of supply chain services and manage vendor databases</li><li>● Facilitated for the World Food Program to establish a humanitarian emergency warehouse in China</li></ul>	

# Hairuo (Hailey) Yi

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## EDUCATION

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### Columbia University in the City of New York

*Master of Arts in Economics  
(Expected)*

**New York, USA**

*Sept. 2021 – Dec 2022*

### University of Toronto

*Honors Bachelor of Science with High Distinction*

**Toronto, Canada**

*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

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### Shenwan Hongyuan Securities

*Summer Intern | Fixed Income, Currencies, and Commodities Division*

**Beijing, China**

*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

*Off-Cycle Intern | International Settlement Division*

**Jiangsu, China**

*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

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### University of Toronto

*Forecasting and Time Series Econometrics*

**Toronto, Canada**

*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

*Comparative Analysis: Canadian and the U.S. Economy (1950-2014)*

**Toronto, Canada**

*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

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### University of Toronto Chinese Volunteer Association (UTCVA)

*Public Relations Director*

**Toronto, Canada**

*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

*Peer Mentor*

**Toronto, Canada**

*Sept. 2019 – Apr. 2020*

- Led a team of 5 to work on projects focusing on Behavioral Economics and produced 20+ academic reports

## CERTIFICATIONS & SKILLS

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