

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

September 2023

Dear Employers,

I take great pride in presenting to you our 2023 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

Giorgi Bokhua

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gb2798@columbia.edu | Authorized to work in the US

EDUCATION

Columbia University in the City of New York

New York, US

Master of Arts in Economics

09/2022-12/2023

- GPA: 3.9; Recipient of a merit-based scholarship from Graduate School of Arts and Science and the Department of Economics
- Relevant courses: International Economics; Macroeconomic Analysis (I+II); Econometrics (I+II); Microeconomic Analysis (I+II)
- Master Thesis: "Examining the Influence of Public Sector Salaries on Corruption Levels"; Advised Dr. Seyhan Erden

University of Mannheim

Mannheim, Germany

Bachelor of Science in Economics

09/2018-08/2021

- GPA: 3.8; Awardee of DAAD Graduation Scholarship; Sole international teaching assistant in the Economics Department
- Relevant courses: Growth Economics; Financial Economics; Financial Econometrics; Political Economics; Industrial Organization
- Bachelor thesis: "Determinants of Economic Growth - The Role of Policies and Institutions"; Advised by Dr. Antonio Ciccone

WORK EXPERIENCE

Columbia University in the City of New York

New York, US

Research Assistant

06/2023-present

- Investigating determinants of capital flight in Sub-Saharan African (SSA) countries, involving comprehensive data collection, cleansing, and analysis from diverse sources, including different World Bank and IMF databases.
- Exploring different capital flight measurement methodologies from the literature and investigating potential causal connections between capital flight and a country's institutional frameworks or macroeconomic conditions

Teaching Assistant of the course Principle of Economics

01/2023-06/2023

- Conducting recitations for approximately 40 undergraduate students in a frontal teaching format and holding weekly office hours
- Preparing questions for weekly problems sets and quizzes on topics of Macro- and Microeconomics and grading students' works

KPMG Germany

Berlin, Germany

Junior Economic Consultant in Global Transfer Pricing Team

10/2021-08/2022

- Evaluated multinational corporations' value chains, conducted research on industry trends with financial analysis, and prepared transfer pricing documentation (local and master files) in accordance with OECD Guidelines for clients.
- Co-authored expert reports with a senior manager to support clients in transfer pricing disputes with German tax authorities
- Supported clients in the due diligence process during the M&A, analyzing corporation-wide transfer pricing policies of sellers

University of Mannheim

Mannheim, Germany

Teaching Assistant of Courses: Analysis and Linear Algebra; Microeconomics; Statistics

09/2019-06/2021

- Led in-person and online exercise sessions in three different core undergraduate economic subjects during the last four semesters of my bachelor studies
- Analyzed problem sheets on topics such as consumption and production theories, facilitated frontal teaching for around 50 students, and supervised group work in empirical statistics, probability theory, calculus, and real analysis.

ZEW - Leibniz Centre for European Economic Research in Mannheim

Mannheim, Germany

Research Assistant at the Digital Economy Department

01/2020-08/2020

- Performed in-depth research on various econometric methods for a project investigating the impact of hate speech regulation on the social media behavior of political extremists in Germany
- Prepared and evaluated data using the programming languages like Python, Stata, and R, reported and presented research outcomes

National Bank of Georgia

Tbilisi, Georgia

Intern at Financial Stability Analysis Department

07/2018-08/2018

- Worked on the project concerning household indebtedness crises in Eastern European countries, conducting research on the policy responses of respective central banks and analyzing their adaptability for the National Bank of Georgia.

LEADERSHIP ACTIVITIES

University of Mannheim

Mannheim, Germany

Coach for incoming international students

09/2019-06/2021

- Mentored multiple undergraduate international students on academic and non-academic issues as part of the coaching program for the international office of the University of Mannheim

European Youth Parliament

Tbilisi, Georgia

Member of the committee of Public Relations and Communication

09/2015-12/2018

- Led national and international conferences as head-organizer, providing underprivileged students from Georgia access to informal education about European Union and fostering Eastern Partnership countries' participation within the organization's network.

SKILLS & LANGUAGES

IT Skills Python; Stata; R; MATLAB; SQL; SAS; LaTeX; Microsoft Office Suite

Languages: English (Fluent); German (Fluent); Georgian (Native); Russian (Intermediate)

Samuel A. D'Amico

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EDUCATION

COLUMBIA UNIVERSITY

Master of Arts in Economics

NEW YORK, NY

Anticipated December 2023

- Relevant courses: Microeconomics I and II, Macroeconomics I and II, Econometrics I and II, Financial Economics, International Economics, Real Analysis I and II.

UNIVERSITY OF ROCHESTER

Bachelor of Science in Statistics, Bachelor of Arts in Financial Economics, Minor in Music

ROCHESTER, NY

May 2021

Certificates: Mathematical Modeling in Economics, Actuarial Studies

- Honors: *cum laude* (GPA: 3.84), Distinction, Citation of Special Achievement in Economics, Dean's List eligible semesters, Dean's Scholarship recipient.

EXPERIENCE

M&T BANK

Assistant Vice President (Quantitative Risk Analytics)

BUFFALO, NY

July 2021 – June 2022

- Performed statistical analysis on indirect loan portfolio data using R, RStudio, SAS, SQL, Tableau, and Excel.
- Built a new delinquency forecasting model centered on time-series tools like ARIMA and VAR to allow for forecasts any number of months into the future. The project made use of the Hyndman-Khandakar algorithm to auto-optimize the lag order every time we had to update the model. I presented both expected future values and retroactively tracked forecast accuracy to allow for post-hoc model adjustments.
- Other noteworthy projects included 1) implementing a Bayesian Poisson model to generate more accurate estimates of dealer loan charge-off rates and 2) using non-parametric Wilcoxon rank-sum tests to compare how COVID-19 has impacted the quality of loans received by the bank.

UNIVERSITY OF ROCHESTER

Teaching Assistant – Bayesian Inference, Newtonian Mechanics, Oceanography

ROCHESTER, NY

August 2019 – May 2021

- Held office hours and graded assignments for undergraduate Bayesian Inference and Oceanography courses.
- Lectured and supervised 3 laboratory sessions for a Newtonian Mechanics course with a graduate student.

Special Projects Office Assistant to the Dean of Students

October 2017 – January 2019

- Reviewed school policies, compared club constitutions, and heard from student leaders on a committee with the Dean of Students to review inclusion guidelines for over 250 school clubs.

SELECTED PROJECTS

Economics and Statistics Research Projects

January 2020 – May 2021

- *Modelling the Effects of Interest Rate Changes by the Federal Reserve*: Created a vector autoregressive model (VAR) to analyze the economic impact of changes in the three main U.S. interest rates. Utilized impulse-response functions, variance decompositions, and Granger causality tests on official FRED data.
- *Inflation Targeting in Argentina*: Examined Argentina's recent unsuccessful attempt at implementing an inflation-targeting regime in response to double-digit inflation in the mid-2010s.
- *Exploring how Median Weekly Earnings Vary by Sex and Occupation*: Generated main effects plots, interaction plots, and an ANOVA mixed model to understand how one's sex and occupation affect earnings using data from the 2020 Current Population Survey.

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

UNIVERSITY OF ROCHESTER

Model United Nations

ROCHESTER, NY

August 2017 – May 2021

Business Manager

January 2018 – December 2019

- Formulated budget proposals, designed simulated UN committees, and organized trips to regional Model UN conferences as business manager.
- Met in weekly committees to debate issues, draft resolutions, and expand member knowledge of world events.

Ambassador to the Upperclassmen Hall Council

September 2019 – May 2020

- Programmed recreational events for the residential area with other hall council members. Met in weekly conferences, invited student representatives, and actively communicated with school officials.

SKILLS AND INTERESTS

- Experience programming in Java, Python, R, Stata, SAS, SQL, and LaTeX.
- Proficiency in Word, Excel, and PowerPoint, Eclipse, Visual Studio, RStudio, SAS Studio, and Tableau.
- Spanish (conversational).

SANYAM GANGWAL

Columbia University | New York, NY 10027 | sag2266@columbia.edu | <https://www.linkedin.com/in/sanyam-gangwal-54208a190/>

EDUCATION:

August 2022 - Present

Columbia University, New York

- Masters in Economics (Focus on Quantitative Economics and Finance)
- Relevant Coursework - Macroeconomics, Microeconomics, Econometrics, Mathematics, Financial Economics, Data Science in Finance & Insurance, Capital Markets and Investment

June 2018 - May 2021

St. Xavier's College, Mumbai

- Bachelors of Arts (Economics, Statistics and Accountancy)
 - Relevant Coursework - Business Accounts and Finance, Microeconomics, Macroeconomics, Econometrics, Principles of Management, Commerce & Industry, Applied Statistics
 - CGPA: 9.71 / 10
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EXPERIENCE:

June 2023 - Present

Summer Investment Associate, SuisseBlocks

- Conducted in-depth financial analysis of SaaS related investments, evaluating company financials, business models and competitive positioning.
- Regularly monitored portfolio performances, making data driven decisions to optimise returns and mitigate risks.
- Developed and maintained various financial models to examine and evaluate current economic data, forecast company performances and present investment reports to managers and clients.

Jan 2023 - May 2023

Teaching Assistant for Corporate Finance, Columbia Business School

- Responsible for the design of the lesson plan for the semester, holding regular office hours, conducting extra classes, assisting the students with assignments and grading final exams. The topics covered include bond and stock valuations, capital budgeting, dividend policy, market efficiency, risk valuation and risk management.

May 2021 - May 2022

Research Associate, Indian Institute of Management, Bangalore

- Worked with Mr. NS Vishwanathan, the Former Deputy Governor of the Reserve Bank of India on a book analysing the Non-Performing Assets in India. Conducted a meticulous analysis of the asset quality of financially distressed companies by evaluating key financial indicators, benchmarking them against global trends and recommending sustainable policy options to ensure financial stability in the country.

April 2020 - June 2020

Management Consultant Summer Trainee, Aditya Birla Management Corporation Private Limited

- Collaborated with the Start-Up India Initiative of Government of India to conduct comparable company analysis to suggest business opportunities for investments and partnerships.
 - Examined the impact of the newly implemented Trade Receivables Discounting System on the financial stability of buyers, assessing its effectiveness in improving cash flow management and identifying prospective avenues for financial institutions to provide related services.
-

LEADERSHIP / MANAGEMENT:

2020

Co-Founder, Reciprocate Edu

- Started a not-for-profit initiative to make learning accessible to over 100 underprivileged students by providing them with electronic appliances, books and stationery during COVID.

2019

Organiser, Sales and Marketing, Malhar Fest, St. Xavier's College

- Part of the core leadership group that was responsible for meeting and managing the budget requirements (over ₹3 million) of Malhar, India's second-largest college festival.

2019

Contingent Leader, Vaayu Inter-Collegiate Fest at NMIMS, Mumbai

- Led the college contingent of 100 members. Responsible for selecting participants for various events, supervising practices and overseeing the administration during the event days.
-

ADDITIONAL INFORMATION:

Certifications:

Financial Markets (Yale University), Financial Modeling and Valuation, Data Analysis and Machine Learning using Python and R, Market Research and Public Speaking

Software:

STATA, Python, R, Microsoft Office and LaTeX

Interests:

Athletics (awarded best sportsperson of the school 2017-18), Cricket (Captain of School Team), Football (Captain of School Team), Policy Debates, Drama and Reading Poetry

Fanghong Huang

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EDUCATION

Columbia University

New York, NY

Master of Arts in Economics

Aug. 2022 – Dec. 2023 (Expected)

- Core Courses: Econometrics (I+ II + Advanced-Machine Learning), Economic Policy Analysis, Microeconomic Analysis (I + II), Macroeconomic Analysis (I + II), Mathematical Methods for Economists, Financial Economics
- Teaching Assistant for Econometrics (UN3412) in R and STATA in 2023 Spring and 2023 Fall.

Shandong University

Jinan, China

Bachelor of Economics (International Experimental Class)

Sept. 2018 – June 2022

- Core Courses: Econometrics (I&II), Advanced Micro/Macroeconomics, Python, Mathematical Analysis, Industrial Organization
- First Class Scholarship Recipient (Top 5%, 2019/2020/2021); Graduated with Distinction (Top 1%, 2022)

PUBLICATION

Huang, F., & Fu, P. (2021). *Intergenerational Support and Subjective Wellbeing among Oldest-old in China: the Moderating Role of Economic Status*. *BMC Geriatrics*, Volume 21, Issue 1, Pages 252-252. <https://doi.org/10.1186/s12877-021-02204-y>

PROFESSIONAL EXPERIENCE

Industrial Economics, Inc. (IEC)

Cambridge, MA

Associate Intern

June 2023 – Aug. 2023

- Reviewed over 100 studies on non-fatal health, regulation, cessation and flavor prevalence of tobacco products. Assisted in building the EndNote literature database for U.S. Center of Tobacco Products, FDA to inform policy analysis.
- Using the 2019-2021 Canadian Tobacco and Nicotine Survey dataset, analyzed prevalence and health outcomes of e-cigarette use.
- Investigated the demographic determinants, uncertain dual effects of smoking cessation/initiation, and potential regulation impacts of flavored tobacco products use in R and STATA. Provided binary/multinomial logistic models and visualization outcomes for the sensitivity analysis of transition rates in the Health Benefits Model for benefit-cost-analysis (BCA).
- Estimated and forecast the market size and users of Canadian vaping market from 2014 to 2026. Incorporated the results in the Health Benefits Model for qualifying the effects of tobacco control policies and reported the study to Health Canada.

CBRE Group, Inc.

Guangzhou, China

Research Analyst Intern, Research Department

July 2021 – Jan. 2022

- Built, organized and maintained research databases of six construction submarkets of Guangzhou in Excel regularly.
- Forecasted quarterly and yearly market trends based on analysis of values and industry share of 378 construction projects.
- Estimated macro impacts on the real estate market by tracking National and Guangzhou policies on regional planning and key industry development, and measuring exogenous market shocks such as pandemic relapse.
- Published quarterly South China Market Reports with dynamic data analysis and policy interpretation.

RESEARCH EXPERIENCE

Impact of Flavor Restrictions on E-cigarette Sale on Vaping Initiation and Smoking Cessation in U.S.

New York, NY

Graduate Thesis

Aug. 2023 – Present

- Cleaned and analyzed data from the 2013-2021 Youth Risk Behavior Surveillance System (YRBSS) in R and SAS.
- Designed a Difference-in-Differences (DID) analysis with multivariable logistic regressions to estimate changes in vaping initiation and smoking cessation in New York and New Jersey, before versus after the flavor ban's implement in 2020.

Does Cram Schooling Really Improve the Education Outcomes of Children?

Jinan, China

Undergraduate Thesis (Outstanding Award)

Jan. 2022 – June 2022

- Cleaned, integrated, and regrouped 2018 the CFPS datasets into four combinations of targeted variables with STATA.
- Applied binary logistics analysis to determine factors influencing the family's decision. Explored the impact of frequency of classified cram schooling on children's cognitive and non-cognitive ability and captured the potential nonlinearity relationship.
- Used the Propensity Score Matching (PSM) method to address problems associated with selection-bias.

Health Services of Community Family Physicians

Jinan, China

Research Assistant, Centre for Health Management and Policy

Mar. 2020 – Mar. 2021

- Cleaned and merged waves of the CLHLS (Chinese Longitudinal Healthy Longevity Survey) panel dataset of 20,000+ samples with STATA and SPSS. Applied binary logistic regression analysis and identified odd ratios and confidence intervals.
- Built a game model to analyze the service mode of family physicians to community residents. Solved for the mixed-strategy Nash Equilibrium for the participants. Reported policy implications for performance-based income payment.

Impact of the COVID-19 Outbreak on the Catering Industry in China

Jinan, China

Research project leader, Department of Finance

Mar. 2020 – June 2020

- Compared the actual stock returns of 24 listed catering corporations within the event window of 15 and 31 days. Calculated expected returns with the market model, using benchmark indexes in Hong Kong and mainland China.
- Applied Event-Study method to evaluate the impact level of COVID-19 with STATA. Compared the impacts with previous studies. Discovered the unique well-performed corporation *Haidilao* and drew policy implications.

SKILLS AND OTHER

- Languages: English (Fluent), Mandarin and Cantonese (Native)
- Analytical tools: R, STATA, Python, MATLAB, SPSS, SAS
- Computer skills: MS Excel, EndNote, Latex, PowerPoint, Outlook
- Interests: running, badminton (Ranked 4th at the University Match), traveling, reading

EDUCATION

Columbia University, New York

Aug.'22-Dec.'23

Master of Arts in Econometrics and Quantitative Economics (S.T.E.M.)

- *Graduate School of Arts & Sciences:* Applied Macroeconomics & Finance (PhD), Financial Economics, Advanced Econometrics, Game Theory & Information Economics, Real Analysis, Modern Data Structures.
- *Columbia Business School:* Operations Strategy, Fundamental Analysis (Audit), Debt Markets (Audit), Financial Statement Analysis & Valuation (Audit)

Panjab University, India

Jul.'17-Jul.'22

Bachelor of Commerce w/ Honours in Economics & Master of Arts in Economics

- *Economics:* Business Economics, Monetary Economics, International Macroeconomics, Quantitative Methods, Business Mathematics & Statistics, Econometrics.
- *Finance:* Financial Management, Security Analysis & Portfolio Management, Financial Markets & Services
- *Accounting:* Financial, Company, Management, & Cost Accounting
- *Management:* Operations Research, Cost Management, Human Resources, Managerial Psychology

WORKING PAPERS & TEACHING ASSISTANT POSITIONS

- *"Examining the Threat of Cultural Colonization in the backdrop of the European Refugee Crisis"*
- Macroeconomic Policy Management- Fall 2023, Master of Public Administration, Columbia University
- Business Mathematics and Statistics – Fall 2020, Bachelor of Commerce, Panjab University
- Quantitative Methods for Economists – Spring 2021, Bachelor of Commerce, Panjab University
- Financial Markets and Services – Fall 2021, Bachelor of Commerce, Panjab University

SKILLS & INTERESTS

- **Soft:** Public Speaking, Public Relations, Academic Writing, Leadership, Mentoring
- **Technical:** MS Office, R, Python, Stata, MATLAB.
- **Interests:** Monetary Policy, Asset Pricing, Management Consulting, Fundamental Analysis, ML

WORK EXPERIENCE & CO-CURRICULA

ENACTUS GGDSD

Mar.'18-Apr.'18

Intern, Management Consulting

- Project 'Amal' (marketing eco-friendly stationery crafted by underprivileged and aged women employed by NGOs)
- Revised the product line, overhauled research methodology and accounting, created training programmes for Enactus recruits, oversaw recruitment, enhanced coordination across depts.
- Conducted primary research to segment the market, set product price and prepared marketing strategy. Tapped new markets independently, resulting in the sale of 300 units and the breakthrough of ENACTUS into selling directly to educational institutions as opposed to retail only.

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVT. OF INDIA

Mar.'17

Volunteer, National Service Scheme

- Collected data on Income, Education, Employment, Sanitation, Utilities etc. for the HRD Ministry from villages near Chandigarh
- Awarded Grade 'A' Certificate

JUNIOR ACHIEVEMENT INDIA BUSINESS CHALLENGE (run on 'JA TITAN' Simulator by Hewlett-Packard)

North India Regional Semi-Finalist

- Management and Economic Simulation Exercise (MESE) Competition where one serves as the CEO of a virtual business and decides on Production, Investment, R&D, Charity etc. amidst Business Cycle fluctuations, based on financial and accounting data generated by the AI.

TEDx GGDSD College

Head of Public Relations and Master of Ceremonies

- Edited drafts of speakers' TEDx Talks; conducted their Stage Training; emceed the event.
- To manage public relations, wrote the screenplay for and directed the [Reintroduction Video](#)

EXTRA-CURRICULA

Prime Minister, Student Government (first-in-command)

- Debated to earn a nomination and ran a successful campaign to be voted Prime Minister.
- Managed a team of over 60 students, including peers and seniors; launched student clubs viz. TERI (Tata Energy and Research Institute) Club, MUN (Model United Nations) Society.

Model United Nations

20+ conferences as Judge & Delegate; specialized in Crisis Committees; drafted Agenda & Study Guides.

LAURA KIM

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EDUCATION

COLUMBIA UNIVERSITY

Master of Arts - Economics

- Co-President of Master of Economics Student Association (MESA)

New York, NY
December 2023 (Expected)

UNIVERSITY OF CALIFORNIA, BERKELEY

HONORS Bachelor of Arts - Double Major Economics & Statistics

- Academics: 3.66 GPA
- Relevant Courses: Real Analysis, Mathematical Economics, Econometric Analysis, Time Series Analysis, Financial Economics

Berkeley, CA
December 2018

PROFESSIONAL EXPERIENCE

ANALYSIS GROUP

Summer Associate

New York, NY
June - August 2023

- Analyze and conduct comprehensive research and collect financial data and analyst reports from Capital IQ and Refinitiv to support complex economic assessment and valuation.
- Contributed to the preparation of expert reports through pretrial discovery, analysis of financial data, deposition digests, assessing the validity of the damage framework by disgorgement used for contract infringement and valuation case.
- Manage analysts and workstreams with timely completion and quality control of data sent to counsel and the expert.

BUILD UP Tax & Law

Finance and Legal Associate

Seoul, Republic of Korea
July - August 2022

- Assessed legal and financial risk to clients on private property disputes, contract violation cases.
- Advocated Indian refugees seeking asylum in South Korea, drafting objection memos to Ministry of Justice of Republic of Korea, conducting extensive legal research, compiling evidence to be addressed to the judge.

FEDERAL RESERVE BANK OF SAN FRANCISCO

Data and Policy Analyst (19-21) / Financial Analyst (17-18)

San Francisco, CA
June 2017 – July 2021

- Mathematical optimization and forecasting models for coin distribution related to volatility in coin supply chain June 2019 due to the shortage and suspension of the coin supply during the COVID-19 pandemic.
- Modelled and visualized volume patterns on Tableau for business continuity events, calculating indicators and volatility index to optimize predictability and preparedness during a crisis such as a hurricane, a financial crisis, or a pandemic.
- Project manager for cross-function discussions for policy alignment, operational priorities, and automation capabilities, ensuring collaboration and comprehensive impact assessment of implementation both internally and externally.
- Published the “2020 Diary of Consumer Payment Choice” paper and a supplemental paper looking at changes in consumer behavior due to COVID-19. Conducted statistical analysis using SQL and STATA with a survey of 6270 participants on payment behaviors both prior and during the pandemic.

RESEARCH EXPERIENCE

ECONOMICS DEPARTMENT, UNIVERSITY OF CALIFORNIA, BERKELEY

Independent Researcher (sponsored by Professor Brad DeLong)

Berkeley, CA
August 2017 – December 2018

- Research focused on testing the consumption model of Akerlof and Kranton’s “Economics of Identity,” understanding the role of ‘identity’ in consumption behavior of individuals regarding ethical consumption.
- Modelled log-likelihood regressions of ethical consumption in retail industry and evaluate factors that may contribute to altruistic behavior of consumers, specifically that of grocery stores.
- Project management of the senior thesis project, creating proposals, collaborative memos, managing the project with professors, graduate students, Kilts Data center at Chicago Booth, and Label Insight.
- Manipulated Nielsen’s Consumer Panel Data of 40,000-60,000 active panelists, 2TB of Scanner Dataset and 400,000 + UPC data from Label Insight through STATA and R.

CERTIFICATION

MINISTRY OF FOREIGN AFFAIRS OF THE REPUBLIC OF KOREA

Completion of Seoul Academy of International Law (SAIL)

Seoul, Republic of Korea
October 2021

- Participated among 50 selected individuals from 24 APEC countries at the program hosted by the Center for International Law at the Korea National Diplomatic Academy of the Ministry of Foreign Affairs of the Republic of Korea, developing knowledge of international trade and regulations, such as national conflict at sea, and international climate law.

LEADERSHIP/ACTIVITIES/INTERESTS

- Leadership/Honors: Dean’s List, Economics Honors 2018, Editor at Asian Survey Journal, Treasurer at Acts2Fellowship, Co-President of Master of Economic Student Association (MESA) Co-Lead of Young Professional Network (YPN)
- Languages: R, STATA, SQL, Tableau, Capital IQ, Refinitiv, Relativity, Learning Python, MS systems, Native in Korean.
- Interests: Landscape Photography, Golf, Fencing, Playing the flute, Picking out the best croissant in town.

PIA MAHAJAN

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Linkedin Profile: <https://www.linkedin.com/in/pia-mahajan-51a8a4191/>

EDUCATION

- **Columbia University, New York| M.A. Economics (STEM)** *Aug. 2022- Dec. 2023*
GPA: 3.7525/4
Honours: Merit-based fellowship
- **Miranda House, University of Delhi, India| B.A. (Hons) Economics** *July 2018- July 2021*
GPA: 4/4 (8.986/10)
Honours: First Division with distinction
Relevant subjects: Macroeconomics, Microeconomics, Statistics, Econometrics, Development Economics, Financial Economics, International Trade, Money and Financial Markets

PROFESSIONAL EXPERIENCES

LEAD at Krea University, Chennai, India (Research Intern)

Mar. 2022

Leveraging Evidence for Access and Development

Sept. 2021-Dec. 2021

- Collected **primary (qualitative) data** from women in the informal sector across four north Indian states **to identify barriers** to the adoption and usage of financial products and services (study commissioned by Women's World Banking, New York)
- **Refined and performed post-programming checks** on two surveys with 100+ questions each (for subpopulations - screened and non-screened women) for a project that seeks to strengthen healthcare delivery in Tamil Nadu
- Contributed to the **evaluation report by analysing** (i) secondary data to understand the trends in uptake (ii) primary data (collected from survey instruments) to identify variables behind the low acceptance of cancer screening
- Deliberated on **insights from quantitative and qualitative methods** as a **core** team member

IDFC Institute, Mumbai, India (Data Science & Research Assistant)

Economic Development focused Think Tank established by IDFC Ltd.

July 2021- Aug. 2021

- Performed **exploratory analysis** on COVID- 19 vaccination trends
- Headed the **operational planning** for sample collection (sample size: 8000) for Brihanmumbai Municipal Corporation's (BMC) Serosurvey-5 to test seroprevalence of SARS-CoV2 antibodies among the adult population in all 24 wards of Mumbai-both slum and non-slum areas.
- Supported the organisation's initiative to create a public-facing COVID-19 database for Mumbai by **bulk extracting** twelve indicators of COVID Bed Management for a 300-day period from 14 July 2020 to 10 May 2021 using Tabula

NITI Aayog, New Delhi, India (Research Intern-SDG Vertical)

Public Policy Think Tank of the Government of India

May 2021- June 2021

- **Analysed** the goal-wise performance of four states in the SDG India Index 2020-21. Highlighted areas that need focus by preparing presentations for the Cabinet ministers of the respective states
- **Extracted and compiled data** on female to male enrolment ratio at the secondary level for 120 north-eastern districts, to assess their performance in SDG 4 (Quality Education) for formulating the North Eastern Region District SDG Index 2020-2021
- **Presented** the takeaways from the internship and suggestions for an SDG platform to senior members of the vertical

PUBLICATIONS

- **Vaccination Uptake, Equity, and Implications**, co-authored, published in the IDFC Institute Publications
- **Behavioural Economics and the Halo Effect**, published by the Editorial Board Of Economics Society, Miranda House
- **An Analysis of Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA)**, published in *Towards Equilibrium 2022*, the annual economics journal of St. Stephen's College, Delhi University
- **Poverty Traps**, published in *Artha 2022*, Economics journal of SRCC, Delhi University

EXTRACURRICULAR ACTIVITIES

- **Arthashastra, Economics Society, Miranda House**
Research Vertical's Zero Down, Economics Podcast (Researcher, Script Writer, Host) *July 2019- June 2021*
16,000+ listens on Hubhopper and Spotify. Worked on seven episodes covering subjects like Nudge Theory, Automation, Free-Market Environmentalism, etc and explained complex concepts to the audience. Mentored junior members
Marketing Vertical of Economics Society (Coordinator) *July 2019-July 2020*
Zenith 2019, Annual Economics Fest (Event Coordinator) Stockaholic- The Mock Stock *Dec. 2018- Feb. 2019*
- **Community Involvement**
IIT Delhi Transportation Research and Injury Prevention Program's IRSC (Team Leader) *June 2020-Dec. 2020*
Undertook field visits and examined First Information Reports (FIRs) of fatal and non-fatal accidents to identify an accident hotspot. Used insights from pedestrians and drivers. Received commendation from the Special Commissioner of Traffic
Visionaries Delhi- Recorded 60+ pages to serve as an audiobook for visually impaired students *July 2019- Sept. 2019*

SKILLS

Software: Microsoft Office Suite, STATA, R, LaTeX, Data visualisation (Google Data Studio & Flourish)

Languages: English, Hindi

Gina Nemade

+1 (929) 360-4289 | gn2344@columbia.edu | New York – 10027 | www.linkedin.com/in/gina-nemade

EDUCATION

Columbia University, New York, NY

August 2022 - December 2023 (Expected)

Masters of Art in Economics

Classes: Math Methods for Economists, Macroeconomics, Microeconomics, Econometrics, Computing in Context (Python), Financial Economics, Credit Risk Analytics, Advanced Econometrics, Fixed Income Portfolio Management

Shiv Nadar University, Greater Noida, India

July 2018 - May 2022

Bachelors of Science (Research) Economics, Minors in Mathematics and Management, 9.19/10 (4.0 GPA)

- Dean's List Awardee: Spring Semester of 2021, Fall Semester of 2021
- Recipient of full merit scholarship from July 2018 - May 2022
- Relevant Coursework: Advanced Microeconomics, Macroeconomics, Advanced Econometrics, Advanced Statistics, Optimization, Multivariate Calculus

WORK EXPERIENCE

Columbia University, New York City, USA

September 2023 – December 2023

Teaching Assistant

- Led in person recitations for approximately 40 undergraduate students for the course Principles of Economics twice a week. Additionally, provided essential academic support during weekly office hours, offering guidance on course materials and assignments. Moreover, held the responsibility for meticulously grading exams to maintain academic standards and assessment integrity

Morgan Stanley, New York City, USA

June 2023 – August 2023

Summer Analyst: Risk Analytics, Quantitative Risk Management

- Implemented a Dynamic Stochastic General Equilibrium model to fortify and enrich the quantitative risk management and Stress Testing framework of the Scenario Analytics team
- Utilized econometric and statistical tools for meticulous execution while spearheading the creation of precise macroeconomic forecasts using the model. Designed and proficiently executed model code in Python to optimize analytical process and integrate the model into the firm's existing risk management framework

Avni Centre for Sustainability, Kathmandu, Nepal

May 2021 – June 2022

Research Intern

- Worked closely with this NGO which helps organize the collective effort of clean-up in the Himalayas in collaboration with the Government of Nepal
- Completed a report analyzing the feasibility of mountain tourism in Nepal for the future generations while understanding the negative and positive externalities produced by this industry; Communicated results to stakeholders

IIFL Securities, Mumbai, India

December 2020 – February 2021

Finance Intern

- Expanded the growth of paperless trading accounts with an opportunity to learn the basics of Fundamental and Technical Analysis

SELECTED RESEARCH EXPERIENCE

Research Assistant, Columbia University, New York, NY

- Assisted with data collection and analysis of geo-spatial and credit data to analyze the percolation of natural disaster related credit shocks through family networks using Python and QGIS
- Working on research around student performance by analyzing peer and social influences to uncover the impact of social networks on educational outcomes using Randomized Control Trials while leveraging Natural Language Processing with other analytical techniques using Python.

Graduating Project (Shiv Nadar University): Impact of Sanitation Schemes on Vulnerable Populations of India

- Analyzed how the Swachh Bharat Mission impacted households from perceived lower castes in India and assessing its effectiveness in uplifting the sanitation status of individuals from such households using logistic regression and panel data

The Influence of Social Media on Covid-19 Protective Behavior

- Wrote a survey based paper which used responses to understand variation between different types of social media and its impact on the protective measures implemented at an individual level through econometric models

SKILLS

Languages: English (fluent), Hindi (fluent), Marathi (native), Gujarati (native)

Technical Skills: Python, Machine Learning, Natural Language Processing, Data Analysis, Web-Scraping (Beginner), LaTeX, MS Excel, MS PowerPoint, MS Word, Bloomberg Market Concepts Certification, QGIS, R (Beginner), STATA

DANNING SUN

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501 West 113th Street Apt # 0304, New York, NY 10025

EDUCATION

Columbia University

New York, NY

Master of Arts in Economics

Aug. 2022 - Dec. 2023

• **Relevant courses:** Microeconomic Analysis I, Macroeconomic Analysis I, Econometrics I, Math Methods for Economists

Purdue University

West Lafayette, IN

Bachelor of Arts in Economics

GPA: 3.97/4.00

Aug. 2020 - May 2022

Minor in Political Science, Law and Society

• **Relevant courses:** Managerial Economics, Intermediate Microeconomic Theory, Intermediate Macroeconomics, International Trade, Money and Banking, Labor Economics; Health Economics, Behavioral Economics, Econometrics, Game Theory

China Agricultural University

Beijing, China

Bachelor of Arts in Economics

GPA: 3.89/4.00

Sept. 2018 - June 2022

• **Relevant courses:** Financial Accounting and Financial Statement Analysis, Analytical Geometry and Calculus, Principles of Economics: Microeconomics, Statistics with Computer Applications, Principles of Economics: Macroeconomics, Practice for Research Methods

INTERNSHIPS

Meituan

Beijing, China

Product Operations Intern, Growth Department

June. 2023 – Sept. 2023

- Supported the team in executing operational tasks for user growth in the direction of consumer-end products (mainly Meituan's "Tuan Tuan Shen Quan"), encompassing activities such as resource integration, A/B testing, and data analysis. Successfully utilized the Weibo platform for promotion, resulting in a single-day active search count of "Tuan Tuan Shen Quan" AR breaking 125,600 times
- Drove the development of "Tuan Tuan Shen Quan" V3.0 from planning to launch, promotion, and data collection and took responsibility for scale and conversion
- Collaborated with design, product, development, and various business lines, continually iterating on the operational strategy for "Tuan Tuan Shen Quan" and driving issue resolution

Nanjing Securities Co., Ltd

Nanjing, China

Project Assistant at the Investment Banking Department

June. 2021 – July. 2021

- Assisted the manager with pre-IPO preparation of Nanjing Medlander Medical Technology Co., Ltd., including voucher checks and disclosures of information, such as from the management team, clients, suppliers, and bank confirmations
- Collaborated with colleagues and promoted the company to go public successfully

China News Service – Economic View

Beijing, China

Intern Journalist at the Original Center

May. 2021 – June. 2021

- Searched for relevant literature and conducted topic selection, and quantitative analysis with other journalists
- Produced news releases, particularly in the economic field, which discussed hot issues such as cost of online ordering food, financial problems of big companies, and investment analysis of listed companies, among which one news had hit the headlines in the most popular social media in Weibo, China

RESEARCH

The Effects of Brand Experience on Brand Loyalty in Luckin Coffee under O2O

Fall 2019 - Summer 2020

Supervised by Professor Weizhe Feng from China Agricultural University

- Determined the research topic and brand to study after literature review and built theoretical models
- Designed questionnaires and distributed them to 307 participants
- Examined theoretical models by analyzing collected questionnaire data using SPSS
- Summarized the results, provided constructive feedback to Luckin Coffee, and earned a high score from the instructor

HONOR & AWARDS

Excellent Student Scholarship awarded by China Agricultural University

Dec. 2019 and Dec. 2020

First-class Scholarship for Academic Excellence awarded by China Agricultural University

Dec. 2019 and Dec. 2020

Merit Student awarded by China Agricultural University

Dec. 2019 and Dec. 2020

TECHINICAL SKILLS

- **Language:** Chinese (Native), English (Fluent CET-6 651, CET-4 664, TOEFL 109)
- **Skills:** MS Office Suite, SPSS, AMOS, STATA

Devan Thakur

New York, NY
dvnthkr@gmail.com
8582489432

Education

August 2022 - December 2023

Masters in Economics Columbia University, New York

- Completed core classes in Micro, Macro, Econometrics
- Elective courses include Financial Economics

August 2017 - December 2021

Bachelors in Mathematics University of Texas, Austin

- Graduated with University Honors
- Minored in Economics (Micro, Economic Statistics, Metrics, Game Theory)
- Completed Financial Mathematics and Computer Science Coursework
- Studied abroad in Madrid, Spain in Spring 2020

Professional Experience

June 2023 - August 2023

Business Analyst Intern Capital One

- Leveraged SQL to evaluate New to Credit (N2C) credit card customers and applicants
- Presented my data findings and delivered analytical insights and recommendations to the N2C team

June 2020 - August 2021

Summer Research Assistant Intensity, LLC

- Drafted portions of PhD Economists Nisha Mody and Ryan Sullivan's expert reports in *RJ Reynolds v Altria*
- Reviewed financial discovery and conducted research to support the arguments made in the expert reports for a multi-billion dollar damages claim

June 2017 - August 2019

Programmer Analyst University of Southern California - Alzheimer's Therapeutic Research Institute

- Completed coding projects using Python
- Documented the Python code for U.S.'s largest ongoing Phase 3 Clinical Trial Study

Volunteering

August 2019 - December 2021

President of University of Texas Electronic Music Club

- Led a team of six club officers while managing projects, budgets, social events, logistics, and recruitment
- Performed as DJ and led UT Austin team in the competition at the Up&Up college-ran virtual music festival

Key Skills

- SQL
- Python
- R
- Excel
- Powerpoint

Interests

Speak, read, and write intermediate level Spanish; DJ for special events; International history & adventure traveler; attend SABR Annual Conference on MLB sabermetrics

Ignacio A. Ugalde

New York, NY10025 | Ignacio A Ugalde | +1 (332) 733 0581 | iau2106@columbia.edu

Education

Columbia University in the City of New York

New York, U.S.

Master of Arts in Economics

09/2022 - 12/2023

- GPA: 4.00; expected graduation, December 2023
- Working thesis: “Judicial Selection Systems: Incentives and Performance” advised by Professor Alessandra Casella
 - Investigating how different selection systems and media environments affect the performance of U.S. state trial judges, by looking at evidence from state supreme court decisions in states without an intermediate appellate court
- Relevant courses: Political Economy Analysis of Political Behavior; Economic Policy Analysis; Wealth and Inequality; Microeconomics (I + II); Econometrics (I+II)

University of St. Andrews

St. Andrews, U.K.

Master of Arts in Financial Economics (B.A. equivalent)

09/2018-06/2022

- GPA: 3.93; First-Class Honours
- Thesis: “[Who Benefits from Corruption?](#)” advised by Dr. Luc Bridet
 - Investigating the implications of corruption for efficiency and distribution by conducting two extensions of the Acemoglu and Verdier (2000 AER) paper “The Choice between Market Failures and Corruption”
- Relevant courses: Incentives, Contracts and Markets; Economic Fluctuations; Decisions and Game Theory; Econometrics; International Trade; Asset Pricing; Portfolio Management; Corporate Finance

Principal's Scholarship for Academic Excellence

06/2022

- Presented to each of the top 50 academically performing students in their final year of study at the university

Zawadzki Price in Financial Economics

06/2022

- Awarded to the best student in Financial Economic Theory

Dean's List of Academic Excellence

2018 - 2022

- Awarded yearly for achieving outstanding overall results

Universidad de Buenos Aires

Buenos Aires, Argentina

Ciclo Básico Común, First Semester

03/2018 - 07/2018

- GPA: 3.85 (9.5/10)
- Courses: Principles of Latin American Contract Law; Introduction to Scientific Reasoning

Work Experience

Columbia University in the City of New York

New York, NY, U.S.

Program for Economic Research, Research Assistantship with Dr. Waseem Noor

02/2023 - Current

- Project: “Grade Inflation and Grading Consistency in Principles of Economics”
- Examining the distribution of over 11,000 grades across 73 Principles of Economics sections taught at Columbia University from 2010 to 2022 using Stata to estimate the effect of class composition, school, and instructor effects on grade distributions

Teaching Assistant for the course Money and Banking

Summer 2023

- Leading weekly lecture-style recitations for the Money and Banking ECON (U3265) course; holding weekly office hours
- Grading students' weekly problem sets and final exams

Tutor for the course Macroeconomics

Summer 2023

- Conducting weekly group and individual tutoring sessions for the masters-level Macroeconomics PEPM (U6104) course for students in the M.P.A. in Economic Policy Management program

University of St. Andrews

St. Andrews, U.K.

Research Assistantship with Professor Luca Savorelli

06/2022 - 09/2022

- Working Paper: “A Meta-Analysis on the Speed and Accuracy Trade-off and Incentive Schemes”
- Reviewing literature on the speed and accuracy trade-off under different incentive schemes and collecting published data from their respective experiments

Research Assistantship with Professor Antonella Bancalari

09/2021 - 12/2021

- Project: “Simulations and Code Testing for a Revision to the Paper [Resource Windfalls and Local Labour Markets: Evidence from Peru](#)”
- Collecting time series data on mineral prices, mining output, and municipal government spending across Peruvian districts and municipalities
- Analysing the effect of mineral price changes on municipal spending and on local labour markets

Research Assistantship with Dr. Margherita Negri

09/2020 - 12/2020

- Project: “How Do Students View their Field of Studies?”
- Running a university-wide survey to collect data on how individual students perceive their own and other's fields of studies and analysing the response data using Qualtrics

Financial Economics Class Representative

09/2019-07/2022

- Working with faculty on designing and implementing improvements to the online teaching and learning process

United Nations Association Secretary

09/2021 - 07/2022

- Managing routine administrative tasks and overseeing the well-running of the student society

Global Investment Group Treasurer

09/2021 - 07/2022

- Overseeing the finances of the organisation and producing financial projections

St. Andrews Investment Society Deputy Head of Corporate Relations

09/2020 - 07/2021

- Working with sponsors on the hosting of career events and academic discussion panels on-site and remote

Stelac Advisory Services L.L.C.

New York, U.S.

Remote Internship, Financial Research Department

Summer 2021

- Researching and analysing different funds and investment opportunities for a diverse client base
- Creating an exchange-traded fund by establishing its composition and rebalancing needs and contacting market makers
- Bloomberg Market Concepts Certification (BMC)

Skills and Languages

Skills: Stata; Python; Maple; LaTeX; MATLAB; Microsoft Office

Languages: Spanish (Native); English (Fluent); Italian (Fluent); French (Elementary)

Academics

Columbia University, New York, NY
Master of Arts in Economics
Cumulative GPA: 3.959/4.0

Expected Dec. 2023

Fordham University, New York, NY
Bachelor of Arts in Economics
Cumulative GPA: 3.967/4.0 | Departmental GPA: 4.0/4.0

May 2021

Skills

- **Programming Languages:** Python, R
- **Computer Software:** STATA, ArcGIS, QGIS, MATLAB, Microsoft Office,
- **Editing tools:** LaTeX, Power BI
- **Language:** English (fluent), Mandarin (native), Cantonese (intermediate)

Honors & Members

- Summa Cum Laude, Fordham University (2021)
- FCLC Dean's List Award, Fordham University (2019-2021)
- Social Innovation Research Intern Honor, Fordham University (2020-2021)
- Phi Beta Kappa Honors Society
- Omicron Delta Epsilon Honor Society for Economics

Research & Work Experience

Columbia University | Research Assistant w/ Professor Eric Verhoogen | June 2023-Aug. 2023

- Participated in two projects regarding the analysis of new technology adaptation in developing countries and firm-level response to minimum wage change
- Scraped all the related data at the foreign national ministry website using R
- Utilized Python, QGIS, and ArcGIS to geocode sampling data, and visualized the research findings through geo-mapping
- Converted OpenStreetMap data into a geodatabase and then used the network analyst extension feature in ArcGIS to calculate distance-based exposure measures to estimate the effect of spillovers

Fordham University | Research Assistant w/ Professor Meiping Sun | May 2020-July 2023

- Worked on four urban economics research projects that covered various topics, methods, and tasks, including public transportation, environmental protection, and social policy
- Used multiple software and methods (e.g., Stata, R, Python) to collect and sort the raw dataset from different sources, i.e., national datasets and surveys, official websites, phone apps, hardcopy documents, etc.
- Developed and ran multiple regression models for each research topic using Stata
- Utilized multiple ArcGIS features (e.g., geocoding, web mapping, and spatial modeling) to analyze and visualize large volumes of spatial data and capture the correlation between economic activity, geography, and public policy
- Conducted literature review, generated all required maps and tables, typeset the paper, and prepared all presentation materials

Boston Consulting Group | Part-time Assistant for Marketing Manager | Aug. 2020-Oct. 2020

- Engaged in a new product launch strategic planning project for a healthcare company client
- Exploited the growth theory and econometric methods to predict product development trends and explain the dynamic between industry development and the social and economic environment

Selected Projects & Works

"How Do Managers' Beliefs about New Technologies Evolve? Informational Interventions and the Adoption of Energy-Efficient Stitching Motors in Bangladesh" w/ Professor Eric Verhoogen | 2023

- Conducted a randomized control trial on the determinants of the adoption of energy-efficient technology in the Bangladeshi manufacturing sector.

"Do Transit Fares Hurt the Poor? The Use of Weekly and Monthly Passes in New York City" w/ Professor Meiping Sun | 2021-2023

- Exploiting fare hikes in December 2010 and March 2013 as natural experiments, this project uses detailed transit card data to analyze the changes in consumers' purchasing and using behaviors of metro cards after the rate increase, especially in the community with low socioeconomic status.

"Sustainability and Transportation: Creating Equity in Social Landscape" w/ Professor Meiping Sun | 2020

- Explored the impact of the public transportation system in New York City and Detroit City on the vulnerable groups' transportation modes in the city.

"Zelda's Effect on Gene Expression in the Early Development of Drosophila Embryo" | Advisor: Professor Christine Rushlow (NYU) | 2021

- Applied Zelda-binding patterns and JASPAR analysis results to summarize the effects of zinc-finger protein Zelda on Class I & II genes and explored Zelda coordinates' influence with other transcription factors on gene expression.

MERT YIGIT

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EDUCATION

COLUMBIA UNIVERSITY

Master of Arts in Economics

New York, NY

Sept. 2022 – Dec. 2023

- Macroeconomics, Financial Economics, Capital Markets & Investment, Asset Management, Advanced Corporate Finance, M&A

BOGAZICI UNIVERSITY

B.A in Business Administration and B.A in Politics and International Relations (Double Major)

Istanbul, Turkey

Sept. 2017 – June 2022

- Financial Risk Management, Portfolio Management, Behavioral Finance, Derivatives, Political Economy, Political Philosophy

ANADOLU UNIVERSITY

Associate degree Law

Istanbul, Turkey

Sept. 2017 – June 2020

- Civil Law, Criminal Law, Execution and Bankruptcy Law, Commercial Law, Human Rights and Public Liberties Law

WORK EXPERIENCE

AMERICAN INDUSTRIAL ACQUISITION CORPORATION

New York, NY

Private Equity Associate

May 2023- Present

- Conducting sector and company analysis to evaluate potential targets, engaging in rigorous research to explore carve-out possibilities.
- Performing financial analysis of distressed companies to identify acquisition opportunities. This involves analyzing financial statements, identifying financial weaknesses, and conducting valuation models with scenario analysis.
- LBO modeling from initiation to completion by leveraging financial instruments and debt financing to optimize capital structure.
- Supporting the turnaround process of companies through sensitivity analysis and assisting in their debt restructuring endeavors.
- Conducting the due diligence of target companies by researching and assessing financial, operational, and market positioning aspects.

COLUMBIA UNIVERSITY

New York, NY

Teaching Assistant of Financial Economics

Sept. 2023- Present

- Preparing and overhauling assignments and exams regarding financial engineering, delta hedging, martingales, and Black-Scholes.
- Conducting recitations and weekly office hours to address students' questions.

CITIBANK

Istanbul, Turkey

Trade and Treasury Solutions Intern

Jan. 2022–May. 2022

- Worked with executives who are responsible for providing clients with financial products for their cash and liquidity problems.
- Performed detailed analysis to support clients' needs, including trade financing, cash management, and risk management tools.
- Responsible for pipeline management regarding commercialization efforts of fintech partnerships.
- Assisted e-commerce and digital native client acquisition efforts and attended sales meetings with supervisors.
- Prepared reports in data analytics and presented them to executives on a weekly basis.

TURKCELL

Istanbul, Turkey

Treasury Intern

Nov. 2021 – Jan. 2022

- Furnished and presented a weekly report regarding the FX, interest rate, and liquidity risk of the company.
- Leveraged Monte Carlo simulation to conduct scenario analysis and risk assessment of FX exposure.
- Attended meetings with banks regarding debt and swap agreement negotiations. Took notes and prepared summaries of meetings.
- Conducted market research regarding hedging strategies. Special emphasis on cross-currency swaps, options, and futures markets.

INDUSTRIAL DEVELOPMENT BANK OF TURKEY

Istanbul, Turkey

Investment Banking Intern

Mar. 2021 – Aug. 2021

- Worked with Finance team specialized in M&A and IPOs and made financial and commercial analyses of companies and sectors.
- Valuation of companies through discounted cash flow, market multiples, and precedent transaction methods.
- Specialized in mining, renewables, and real estate financial modeling.
- Supported executives through extensive market research and finding target buyers and sellers.
- Prepared information memorandums, presentations, and investment pitches for potential clients.

ONEX HOLDING

Dubai, U.A.E

Financial Risk Management and Trading Intern

June 2019- Sept. 2019

- Utilize reports and identify portfolios where positions are not balanced, risk concentration, abnormal changes in risk attributes.
- Worked on capital and commodity markets, supported executives through market research about futures and forward contracts.
- Facilitated collaboration between accountants and traders and supported them in a clearing process.
- Analyzed and arranged charterparty contracts with counterparties for the transportation of vessels.
- Assisted operations management of oil from refineries to ports, and prepared commercial contracts of oil sales.

EXTRACURRICULAR ACTIVITIES

Social Clubs: IFLRY, CFA Society, Gastronomy Club and Ski Team in Bogazici, Gourmet Club in Columbia University

Scores & Skills: GRE: 169/170, Top 0.03% in University Exam, GPA: 3.7, Office, Terminal, Tableau, CapIQ, Pitchbook, R, Python

Languages: English and Turkish (Fluent), French (Basic)

Interests: Political Philosophy, Comparative Politics, Tennis, Hiking, Golf, Fitness, Chess (Tournament Champion)

YINUO ZHANG

Tel: +86 13572473836 | +1 (929) 604-5431 | Email: yz4297@columbia.edu

EDUCATION

Columbia University, New York, US 09/2022-12/2023
Master of Arts in Economics (expected) **GPA: 3.95/4**
Relevant Coursework: Econometrics, Mathematical Methods of Economics, Financial Economics, Macroeconomics Analysis

University of Oxford, Oxford, UK 10/2021-06/2022
Visiting Student Program--Economics **Grade: First-Class Honours**
Relevant Coursework: Quantitative Economics, Money and Banking, Microeconomics, Game Theory, Developmental Economics

University of Chinese Academy of Social Sciences, Beijing, China 09/2018-06/2022
Bachelor of Economics GPA: 3.8/4 **Major GPA: 4/4**
Relevant Coursework: Mathematical Modeling, Financial Engineering, Advanced Python, Accounting, Corporate Management
Honors: Beijing Undergraduate Extracurricular Academic Competition 1st place (0.5%), Scholarship for Outstanding Talents, UCASS (1%), First-Class scholarship, UCASS (5%), 1st Prize in Students' Entrepreneurship Competition, UCASS (top 5%)

RESEARCH EXPERIENCE

Business, Finance and Management Programme, University of Oxford 07/2020-08/2020
Student Representative | Supervisor: Prof. Geoffrey Goodell, University of Oxford

- Conducted literature research on predicting the development of both China and the UK's financial markets in five years after the COVID-19 based on crisis navigation model and completed the final report
- Participated in organizing a seminar on "A Proposal for Central Bank Digital Currency" and delivered a presentation

Advanced Python for Finance, Columbia University 05/2020-07/2020
Team Leader | Supervisor: Adjunct Associate Prof. Ken Gleason, Columbia University

- Obtained training in using Python's financial interface to gather stock data; using Pandas, NumPy, matplotlib, seaborn and other libraries to conduct quantitative analysis on stocks and portfolios and achieving interactive data visualizations
- Evaluated the impact of COVID-19 on stocks in most affected industries using CAPM model and event study methods
- Simulated randomized stock portfolios and constructed efficient frontiers, provided investment advice for post-pandemic era, led the team to compile a 90-page final report

Empirical Research on the Practice and Impact of China's Targeted Poverty Alleviation Policies 01/2021-05/2021
First Prize | National Undergraduate Extracurricular Academic Competition

- Designed field research (including location selection, approach identification, route and survey design, appointment registration with local officials) on the implementation of China's targeted poverty alleviation policies
- Conducted field research and hosted eight interviews with local officials and 50+ with households to gather data (20,000+ items)
- Cleaned the data through Stata and established the OLS multivariate linear model and quantile regression model to investigate the influence of various variables on family income
- Organized the interview material, provided policy advice based on qualitative analysis and model results

PROFESSIONAL EXPERIENCE

Team Leader, PwC's You Plus Anchor Program 07/2021-07/2021
--Best Team Award in Business Analysis

- Developed marketing strategies, procurement and financing plans for the store manager of HEYTEA
- Led a financial report analysis and operating performance presentation for the shop after one month of opening
- Proposed and presented an innovative business model and assessed its financial feasibility

Financial Analysis Intern, Western innovation (Beijing) Investment Management Co., Ltd 07/2021-10/2021

- Participated in BSE housing loan guarantee business, gathered the partners' audit reports for the past three years
- Joined financial index analysis to calculate the profitability and solvency indicators and evaluated the financial and legal risks of the partners, participated in compiling the due diligence research reports and project status report
- Engaged in the limited guarantee project of consumer finance and joined financial index analysis

Management Consulting Intern, Detecon Consulting 06/2023-09/2023

- Specialized in competitor analysis on Vehicle Connectivity and Speech Dialogue System for a global 500's automotive company.
- Researched on 13 BEV models' OTA upgrade function and BAWs function to improve evaluation methodology
- Tested seven models of BEV through 180 user-journeys, evaluated their performance base on five user-friendly dimensions
- Built an automated scoring system for vehicle evaluation through Excel VBA, improved efficiency by 30%
- Visualized the results through think-cell, formed a 28-page report combined with vehicle comparison and highlights

ACTIVITIES & SKILLS

Leadership: Deputy Director of Life Rights and Interests Department, Student Union, UCASS 09/2018-06/2020
--Initiated and routinized the "Canteen Supervision" activity, helped decrease monthly complaint rate by 25%; Led the department to win First place in performance assessment of Student Union

Computer Skills: Microsoft Office, Python(four yrs), Stata(three yrs), MATLAB, Excel VBA, LaTeX, SPSS, R, Wind Database

Language Skills: Mandarin (Native), English (Fluent), Cantonese(Conversational)

Publication: Forecast on Iron Ore Futures Price Linked with Day-of-The-Week Effect, Lead author, *IEEE CPS*, (DOI: 10.1109/CBFD52659.2021.00058)

KEVIN (TIANJIAN) ZHENG

(714) 397-3558 | tz2552@columbia.edu | New York, NY

EDUCATION

Columbia University, Graduate School of Arts and Sciences

New York, NY

M.A. Candidate, Major in Economics - Focus on Quantitative Economics and Econometrics

09/2022 - 12/2023

- **Relevant Coursework:** Advanced Macroeconomics & Microeconomics & Econometrics, Math of Finance, International Economics, Math Methods for Economists, Economic Policy Analysis, Capital Markets & Investment

University of California, Irvine (UCI)

Irvine, CA

B.A. Degree, Major in Quantitative Economics

09/2018 - 06/2022

- **Cumulative GPA: 3.81/4.00** (Dean's Honor List in ALL quarters)
- **Relevant Coursework:** Probability, Stochastic Processes, Financial Investments, Intermediate Quantitative Economics I, II & III, Econometrics, Math of Finance, Asymmetric Information, Economic Development, Calculus, Linear Algebra

PROFESSIONAL

Rising Flags Capital

New York, NY

Investment Research Analyst Intern

06/2023 - Present

- Took an active part in two projects' feasibility studies: responsible for industry research, corporate governance, and main business analysis part and independently wrote over 30-page report
- Analyzed the target companies' financial statements, carried out DCF analysis, and provided investment advice in the decision-making meetings
- Stayed abreast of market developments, news, and events relevant to the fund's investment strategies, provided regular updates to the fund manager on industry and market trends

Ping An Securities Company (PASC), Research Institute

Shanghai, China

Equity Research Analyst Intern - Fintech and Banks Group

04/2021 - 06/2021

- Assisted senior analysts in data collection and data analysis using Bloomberg and Wind, and manipulation on macro-economy for 5+ research reports
- Assessed economic outlooks and macro trends, conducted industry research for Fintech and Banks sector, and performed analysis on 30+ financial institutions' earnings reports to evaluate new investment prospects
- Utilized the DCF model and comps to carry out companies' valuations, built stock valuation models for 10+ different stocks, and created 10+ company profiles for stock pitches to the portfolios

The Economic Observer

Beijing, China

Financial and Economics Analyst Intern

09/2020 - 11/2020

- Assisted in industry research and case analysis reports, including analyzing 10+ companies' financial statements, government policy, and market news to identify trends, correlations, and potential impacts on the TMT sector
- Monitored global market trends and macroeconomic conditions, tracking industry developments to support the team in crafting reports that included financial and operational analyses of the China TMT sector
- Conducted in-depth interviews with executives and experts in the financial industry, and collaborated with journalists and editors to complete reports that evaluated risks and potential investment opportunities in the market

Luckin Coffee Inc.

Beijing, China

Research and Operation Analyst Intern

06/2018 - 08/2018

- Conducted market analysis in the field of retail food and beverage, and proposed operating improvement strategies to the Marketing and Operations team which has a potential customer growth of 25%
- Researched market opportunities, risks, and competitive landscape in the Retail sector, specifically in the food and beverage industry, and recommended optimal new store locations that have the highest return potential
- Evaluated the financial performance, analyzed financial statements, conducted benchmarking, and identified areas for improvement or efficiency gains to prepare for the Luckin Coffee IPO at NASDAQ in 2019

ACTIVITIES & RESEARCH EXPERIENCE

Applied Investment Research Group (AIRG), UCI

Irvine, CA

Equity Research Analyst

09/2020 - 06/2021

- Conducted research in technology sectors stocks, performed top-down analysis on financial statements, and built valuation models to forecast 10+ stocks' future price
- Wrote weekly reports including industry landscape analysis, the economic standing of industries, valuation metrics, and comps analysis, provided macroeconomic and market research to support the team's investment strategies

SKILLS & EXTRACURRICULARS

- **Certificate:** Bloomberg Market Concepts Certificate; J.P.Morgan Investment Banking Virtual Experience Program on Forage - March 2023; J.P. Morgan Markets (Sales & Trading) Virtual Experience Program on Forage - June 2023; 2023 Inclusive Data Hackathon Participation Certification
- **Languages:** Native proficiency in both English and Mandarin
- **Technical Skills:** Financial Modeling, Valuation, Bloomberg Terminal, Excel, STATA, PowerPoint, Word, and Wind
- **Leadership and Community Service:** **Founder & President** of the 240+ members' "Drones and Photography Club," **Volunteer, Host, & Photographer** of Peking University Alumni Association of Southern California
- **Interests:** Golf (1 year), Basketball (11 years), Soccer (8 years), Piano (15 years), Photography (5 years), Tennis (8 years)

Yurong Zhang

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EDUCATION

Columbia University

Master of Arts in Economics

Purdue University, Krannert School of Management

Bachelor of Science, Economics

Concentration: Finance; Minor: Mathematics

- 3.94/4.0

China Agricultural University, International College Beijing

Bachelor of Arts, Economics

- 3.83/4.0
- **Relevant coursework:** *Econometrics, Macroeconomics Analysis, Corporate Finance, Money and Banking, Stats with Comp. Applications, Calculus, Industry Organization, Financial Mgmt., Investment, and Fixed Income Securities*
- **Professional training:** *Bloomberg Market Concept, Financial & Valuation Modeling*

New York, NY

August 2022 – December 2023 (Expected)

West Lafayette, IN

September 2020 – May 2022

Beijing, China

September 2018 – May 2022

PROFESSIONAL EXPERIENCE

Crafted Capital

Remote

Middle Market Investment Banking Deal Sourcing Externship

March 2022 – May 2022

- Researched HVAC industry's size, competition and M&A transactions from distributor, manufacturer and contractor sides, identified notable patterns during the past five years and the COVID period
- Dealt sourcing over 80 HVAC organizations using Capital IQ and Apollo to find eight potential target firms
- Created a pitch presentation featuring most promising deals for team to pursue

Princeton Technologies, Ltd. (China Investment Corporation's project)

Beijing, China

Software Intern

June 2021– July 2021

- Completed company's training modules of Python and Bloomberg software
- Analyzed and ranked the CSI 300 index stocks based on factor model using Bloomberg
- Evaluated in-depth stocks' performances using the Bloomberg with mentor's instruction

China Agricultural University

Beijing, China

Finance Teaching Assistant & Freshman Counsel

September 2019 – June 2020

- Collaborated with professor regarding course material, assignments and exam grading
- Coached 30 first-year students with learning and daily issues to assist students better with schoolwork
- Organized class activities such as sports meetings to enhance class cohesion and collaboration among students

LEADERSHIP AND INVOLVEMENT

Financial Management Research Challenge, Case Competition

West Lafayette, IN

Second place out of 40 groups

October 2021– December 2021

- Developed credit scoring model and applied time series analysis to evaluate Sagamore Corporation's a 3.9 million loan request to Purdue Federal Credit Union

China Agricultural University's Chess Club

Beijing, China

President

September 2019 – June 2020

- Planned club's daily activities, training and competitions
- Managed club's financial affairs and reimbursed member's cost
- Coordinated competitions between universities and built partnerships with other universities' clubs

RESEARCH

Live Online Learning Power Influencing on College Students' Learning Effect — a Case Study of Math Class

- Adopted live online learning power model to analyze 285 college students' learning effects using SPSS and gave target solutions to platform, students, and teachers

RELEVANT SKILLS

- Computer skills: Microsoft Office, Data analysis software (Python, Stata, R)
- Language skills: Native Mandarin speaker; Fluent in English

HONORS AND CERTIFICATIONS

- Dean's List Honors 2021&2022
- Academic Scholarship, China Agricultural University, 2019 & 2020

Frank Zuroski

Masters in Economics Candidate at Columbia University

New York, NY 10128
frankwzuroski@gmail.com
+1 (716) 397-0775
[LinkedIn](#)

Education

Columbia University in the City of New York

Master of Arts in Economics

New York, NY

September 2022–December 2023

- 3.67 GPA — recipient of a merit-based scholarship from the Department of Economics
- *Relevant Courses:* Financial Economics, Econometrics I & II, MS Machine Learning, Math Methods for Economists

Hamilton College

Bachelor of Arts in Economics

Clinton, NY

August 2016–May 2020

- 4.04 Cumulative GPA — minors in Mathematics and Computer Science
- *Economics honors thesis:* “Eat the Rich?: A Look at Income Taxation’s Influence on National Happiness Levels”
- *Awards and Honors:* Phi Beta Kappa, *summa cum laude*, Omicron Delta Epsilon, Hamilton College Senior Prize in Economics
- Studied at the University of New South Wales in Sydney, Australia in spring 2019
- *Relevant Courses:* Corporate Finance, Financial Economics, Probability Theory, Counting and Codes, Public Economics, Intro Computer Science, Data Structures, Principles of Programming Languages

Selected Work Experience

Addepar

Enterprise Solutions Consultant Intern

New York, NY

May 2023–August 2023

- Initiated development of a repository of retrospectives on past client onboarding projects in order to enhance firm scalability by identifying common missteps and best practices. Engineered a comprehensive methodology for analyzing projects and established the format of final retrospective deliverables.
- Applied this methodology to several past client implementations to provide sample deliverables and begin extracting insights to be leveraged in future projects.
- Expedited ongoing client onboarding projects by holistically analyzing client needs and workflows in order to develop documents that simplified the firm’s solutioning process.

The GailFosler Group (GFG)

Economic Analyst

New York, NY

October 2020–July 2022

- Drove the firm’s research efforts by seeking out data and developing Excel models that facilitated the revisiting and updating of prior work. Grew proficient in Excel entirely through self-teaching.
- Enhanced GFG’s index methodology by standardizing volatility across data series and creating alternative transformations to fit underlying component series. Developed numerous proprietary metrics, such as the GFG Recession Index.
- Employed techniques including imputing, regression, moving averages, indexing, CAGRs, and correlation in my analysis.
- Led the production of client briefings, client presentations, and website articles—all of which conveyed my research—by producing first drafts, editing coworkers’ writing, and sharpening the grammatical accuracy of the final product. Organized interview transcripts into coherent articles.
- Presented my research in simple yet compelling terms to the Bank of the Philippine Islands and 100+ of their clients.
- Increased firm website activity by writing short, attention-grabbing summaries of articles for the GFG newsletter.
- Spearheaded the creation and maintenance of a firm web service called GFG Intel Hub. Contributed to detailed work plan with task deadlines. Determined which economic charts and proprietary series to include in the service; chose names for and wrote detailed descriptions of 40+ charts. Organized and performed all calculations in the charts’ underpinning Google Sheets database.

Skills

Quantitative and analytical problem solving

Creative and critical thinking

Time/priority management and performance under stress

Written and verbal communication — strong command of grammar

Proficient in Excel data analysis and graphics

Experienced in Microsoft Office, Stata, R, and Python

Well-versed in client and customer service

Enthusiastic, curious, and resilient

Extracurriculars & Interests

Varsity Cross Country & Track • Middle School Mentoring • Basketball • Travel • Football • Music • Golf