

BINGYI (JOYCE) XU

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EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)

Bachelor of Science, Mathematics/Economics & Statistics and Data Science

Los Angeles, CA

Expected June 2024

- **Cumulative GPA:** 3.993/4.000
- **Relevant Coursework:** Mathematics of Finance, Linear Algebra, Econometrics, Data Analysis and Regression, Computation and Optimization, Python with Applications, Quantitative Portfolio Management and Algorithmic Trading
- **Honors & Awards:** Joan Palevsky Endowed Honors and Undergraduate Research Scholarship, DataFest Don Ylvisaker Best Insight Honorable Mention, College Honors, Dean's Honors List

PROFESSIONAL INTERNSHIPS

PROBABILITY QUANTITATIVE INVESTMENT

Quantitative Research Intern

Shanghai, China

Jul. 2023 – Sep. 2023

- **Aggressor Factor Construction:** Formulated minute-level factors including aggressor and stock amplitude using Python and MobaXterm, ran backtesting and evaluated factor performance through IC/IR and cumulative return indicators
- **Strategy Optimization:** Analyzed exogenous factors and optimized the factor performances using matplotlib and multiprocessing packages, eventually increasing the long-short return by 20%
- **Alpha Research:** Formulated analytical conjectures and structured logic to explain potential alpha factors by studying research reports and inspecting market anomalies

PARTNERS GROUP

Intern

Shanghai, China

Jul. 2022 – Aug. 2022

- **Investment Thesis:** Synthesized a 10-page report investigating the viability of an obstetrics and gynecology hospital chain investment through analyzing industry trends and financial breakdown
- **Company Research:** Drafted weekly due diligence meeting minutes and gathered supporting evidence for a growth investment deal report by researching into competitors and Medicare policies in dialysis services
- **Industry Exposure:** Participated in the J.P.Morgan Robotics Tour, inspected technology vertical acquisition pipelines and interviewed C-level executives of SaaS and robotics companies

ROMERO RESEARCH

Equity Research Analyst Intern

New York, NY

Apr. 2022 – Jun. 2022

- **Equity Research:** Developed 3 investment reports and strategic considerations for Apple, Netflix and MP Materials through industry and company due diligence, earnings calls, and SEC filings
- **Financial Modeling:** Built 10-year scenario-based financial statements models with supporting schedules and spread industry comps to perform company valuations including discounted cash flow, comparable trading and precedent transactions
- **Presentation:** Compiled investment recommendation decks and presented on a biweekly basis

OTHER WORK EXPERIENCE

DEPARTMENT OF ECONOMICS, UNIVERSITY OF CALIFORNIA, LOS ANGELES

Undergraduate Research Assistant

Los Angeles, CA

Apr. 2023 – Jun. 2023

- **Data Collection:** Gathered and cleaned Colombia lawsuit data, classified claims by type to identify abortion cases
- **Web Scraping:** Designed 2 automated web scraping programs using Python selenium and mechanize packages and scrapped 150K+ judicial records data
- **Presentation:** Reported weekly progress to Professor Londoño-Vélez and analyzed on the relationship between abortion cases and economic outcomes

ADDITIONAL INFORMATION

- **Languages:** English (Fluent), Chinese (Fluent)
- **Technical Skills:** Microsoft Suite; Python; C++; R; SQL; Google Drive; Social Media SEO & Metrics
- **Interests:** Piano (ABRSM Level 8), Cello (String Orchestra), A cappella, Dancing, Community Service (UCLA MoneyThink)