TIANBI HU

(929) 313-6316 // tianbi.hu@nyu.edu // www.linkedin.com/in/tianbi-hu

EDUCATION

Expected 12/24 **NEW YORK UNIVERSITY** New York, NY
The Courant Institute of Mathematical Sciences
M.S. in Mathematics in Finance

- ***Coursework:*** interest rate & FX models, market microstructure, trading energy derivatives, modeling and risk management of bonds and securitized products, financial securities and markets, risk and portfolio management, scientific computing in finance, data science and models

09/18 - 06/22 **CAPITAL NORMAL UNIVERSITY** Beijing, China
B.S. in Mathematics and Applied Mathematics

- ***Coursework:*** multivariable calculus, probability theory, mathematical statistics, linear algebra, ODE, complex analysis, graduate-level econometrics; intermediate macroeconomics
- ***Honors/Awards:*** Dean's List with Distinction (Top 4%), Outstanding Graduate Thesis, Award for Outstanding Research & Innovation, Chinese College Mathematics Competition (1st Place)
- ***Thesis:*** Parameter Calibration of SVJ Option Price Model Based on COS Method and Neural Network

EXPERIENCE

03/23 - 05/23 **RENAISSANCE ERA INVESTMENT MANAGEMENT CO., LTD** Beijing, China
Sales Associate

- Spearheaded sale of $30M in OpenAI shares to family offices, engaging in personal outreach and advisory, and crafting tailored trust product structures to meet specific investor needs
- Conducted daily market analysis to identify high-net-worth clients; maintained relationships with them; offered tailored portfolio updates, contributing to firm's growth to its $1.5B AUM goal
- Managed and updated confidential client portfolio data in firm's CRM systems, ensuring accuracy and efficiency in tracking client interactions and portfolio performance

01/23 - Present **CRYPTOCURRENCY TRADER** New York, NY
Freelance

- Communicate cryptocurrency market and performance updates with investors by interpreting crypto news, data, and regulations; clearly convey logic behind strategy that leads to profits
- Designed and backtested trading strategy for over $5M in cryptocurrencies, with average monthly return of 4.77%, by using technical data
- Constructed multi-factor model and factor analysis structure that analyzed performance of technical factors of multiple cryptocurrencies' performance

03/22 - 05/23 **PEOPLE'S BANK OF CHINA, SCHOOL OF FINANCE** Beijing, China
Research Assistant (Python, R, MATLAB)

- Collaborated with 3 colleagues to conduct macro-finance research on impact of carbon emissions on corporate profitability
- Processed data and built models, and monitored model derivation and proofs as key programmer
- Chose multiple cutting-edge and influential entrepreneurial finance and economic growth papers; summarized relevant ones for colleagues and professors

04/20 - 10/20 **FOUNDER SECURITIES CO., LTD** Beijing, China
Industry Research Intern

- Investigated industry and value chains of Chinese military and defense industry through company reports, field research, and interviews with executives
- Partnered with cross-functional teams on consulting with mutual fund and private equity clients to provide asset management strategy

COMPUTATIONAL SKILLS / OTHER

Programming Languages: Python, R, MATLAB
Languages: English (fluent), Mandarin (native)