

Yincong (Eric) He

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SKILLS AND CREDENTIALS

Programming: Python, R, MATLAB, STATA, SQL

Mathematics: Stochastic Calculus, Computational Methods, Time Series Analysis

Professional Skills: Capital Market (Bloomberg Market Concepts certificate), Financial Modeling (DCF and comparable valuation modeling)

EDUCATION

M.S. Mathematical Finance & Financial Technology Expected January 2023
Boston University, Questrom School of Business Boston, MA

B. S. Mathematics, B. Econ. Finance [GPA 3.50] June 2021
Renmin University of China Beijing, China

- Academic Achievement: Achieved the First Prize of the China Undergraduate Mathematical Modeling Contest (top 5% of the participants)
- Coursework: Investment, Financial Econometrics, Financial Engineering, Intermediate Micro and Macro Economics, Stochastic Process, Multivariable Calculus, Data Structures, Python Machine learning

PROFESSIONAL EXPERIENCE

Private Equity Investment Analyst Intern April 2021 - July 2021
Fosun Capital Beijing, China

- Assisted senior manager to perform due diligence on two potential transactions and collaborated with the team to construct pitchbooks used to present to the investment committee
- Conducted research on the data processing unit (DPU) and the sugar substitute industries and produced research reports for review by senior management

Asset Management Quantitative Analyst Intern August 2020 - September 2020
China Securities Beijing, China

- Designed and developed a systematic long-only trading strategy that allocates portfolio constituents, including equity, bond, and gold indices using the equal-risk method
- Identified key macro-economic factors impacting the price movement of gold and used the Random Forest model to determine optimal timing strategy (Python)
- Implemented detailed sensitivity analysis by changing observation window and rebalancing frequencies and achieved 8-year back-testing with an annual return of 12%, including consideration of transaction cost

Equity Analyst Intern August 2019 - October 2019
China Securities Beijing, China

- Conducted a strategic investment research project by comparing the users' feedback of two major online food delivery platforms using Natural Language Processing techniques in Python
- Consistently delivered multiple projects within strict client-driven deadlines: Drafted an 87-page report describing the business model of the target food delivery platform, specified potential investment opportunities, and participated in weekly investment research meetings to present the research findings

LEADERSHIP EXPERIENCE

Vice President December 2019 - December 2020
Investment Banking and Consulting Association at Renmin University Beijing, China

- Organized professional training and networking events for community members
- Responsible for management of association funds, applied a strategy that yields 50% annually

ADDITIONAL INFORMATION

Languages: Mandarin (Native), English (Fluent)

Interests: Competitive Bridge (2017 National Middle School Champion), Texas Hold'em, investments, basketball