Qingyuan Guo

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Skills

Programming: MATLAB, R, C++, Python, LaTeX, SQL
Mathematics: Stochastic Calculus, Computational Methods, Probability Theory

Education

Boston University, Questrom School of Business — Boston, MA
M.S. Mathematical Finance & Financial Technology — Expected January 2022
- Coursework: Statistics, Programming (R, Python, C++), Stochastic Methods of Asset Pricing

Sun Yat-Sen University — Guangzhou, China
B.A. Applied Statistics [GPA 3.30] — June 2020
- Coursework: Data Analysis, Differential Equations, Statistical Computing, Linear and Integer Programming, Probability & Statistics, Ordinary Differential Equations, Linear Algebra

Experience

Guangdong Nan Yue Fund Co., Ltd. — Guangzhou, China
Intern, Investment Management Division — November 2019 - December 2019
- Collected data including revenue, profit and loss, market share from industry and company analyses to support investment decisions
- Wrote weekly industry research reports about industry trends, industrial chain, market situation and investment opportunities analysis
- Collaborated with other teams and prepared weekly progress reports and distributed to managers

Beijing Guohua Fund Management Co., Ltd. — Beijing, China
Intern, Investment Management Division — July 2019 - August 2019
- Gathered industry research reports from Wind, a renowned financial data service provider in China
- Composed a project feasibility study report and analyzed project by researching annual reports, business reports and official website data

Minsheng Securities Co., Ltd — Beijing, China
Research Assistant — July 2018 - August 2018
- Collected information about industry key enterprises, summarized annual reports and recorded phone interviews
- Improved the readability of industry research reports by visualizing data using Excel and PowerPoint

Projects

Sun Yat-Sen University — Guangzhou, China
Analysis of Asset Pricing in the Semiconductor Industry — February 2020 - April 2020
- Collected stock prices of 22 companies over four years in Shanghai and Shenzhen stock markets
- Utilized classic CAPM model, CAPM model in different periods, the Fama-French three-factor model, and innovative four-factor correction model to analyze asset pricing in semiconductor industry, and compared results of different models
- Filtered data and build models with R and Excel

Additional Information

Languages: Mandarin (native), English
Leadership Activity: Vice-captain of University Mountain Team, climbed summits of two snow mountains (17,000ft and 20,000ft)
Volunteering: Organized first aid course and training, American Heart Association First Aid CPR AED certificate holder