Fuyu Chen

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Skills

Programming: R, Python, SQL, LaTeX, MATLAB

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

University of Minnesota Twin Cities — Minneapolis, MN
B.A. Mathematics [GPA 3.75] — May 2020
Shandong University of Finance and Economics — Jinan, Shandong, China
B.Ec. Credit Management [GPA 3.35] — June 2019

Experience

Shenwan Hongyuan Securities — Nantong, Jiangsu, China
Risk Investment Department and Marketing Department Intern — July 2018 - August 2018

- Led a team of four interns in analyzing stocks of two companies in lithium battery industry
- Participated in simulated stock investment game and obtained 8% profit in one month
- Assisted customers in opening new trading accounts, educated them on securities market regulations and advised on different stocks to invest
- Led other interns in researching trends and news, analyzing daily economic activity and forecasting industry trends
- Prepared K-line map and MACD line trend analyses to assist in stock selection and in making investment decisions

Agricultural Bank of China — Nantong, Jiangsu, China
Loan Department and International Business Department Intern — July 2017 - August 2017

- Assisted in individual clients' credit evaluation by analyzing their income, debt and earning potential
- Collaborated with colleagues in daily banking tasks including reconciling balance of payments, entering new personal and corporate loans applications into the system, processing foreign exchange transactions

Projects

University of Minnesota Twin Cities — Minneapolis, MN
Study on the Secretary Problem — February 2020 - May 2020

- Applied solution for secretary problem in choosing the best interviewee in recruitment and choose the most promising enterprise in stock market trades
- Completed two approaches for secretary problem by conditional probability method and calculus method

Shandong University of Finance and Economics — Jinan, Shandong
Research on the Chinese Real Estate Investments' Issues and Countermeasures — February 2019 - June 2019

- Analyzed current status and issues faced by Chinese REITs; proposed countermeasures to handle issues from three levels, enterprises, individuals, and the government
- Estimated current Chinese REITs' risks by using VaR risk measurement method to compare different Chinese REITs' potential values at risk

Additional Information

Languages: Mandarin, English
Interests: Basketball, badminton, swimming, fitness, guitar
Extracurricular activities: participated in performing dramas, reading, speech activities, blood donation, nursing home visit and kindergarten teaching