Shiqiang Wu

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Skills

Programming: C, Java, Python, R, MATLAB
Mathematics: Stochastic Processes
Certification: CFA Level I Candidate

Education

Boston University, Questrom School of Business — Boston, MA
M.S. Mathematical Finance & Financial Technology — Expected January 2022
University of Wisconsin – Madison, College of Letters & Science — Madison, WI
B.S. Mathematics; B.S. Statistics (double major) **(GPA 3.78)** — May 2020

- Coursework: Statistical Methods/Modeling, Mathematics Analysis

Experience

Dahuachangtai (Beijing) Investment Management Co. — Beijing, China
Investment Intern — May 2019 - August 2019

- Documented defects using R and C, and helped developers complete further testing and resolve issues
- Cooperated with 6-person team to analyze applicants' financial status, credit and property evaluation to determine eligibility for granting loans; disbursed more than US $3M in loans
- Completed statement and account reconciliations and tracked down all discrepancies; assisted team in determining rate locks, issuance of disclosures, overage and underage waivers, and fees waivers; generated over US $1M in revenues
- Reviewed supplier contracts and advised negotiation strategies to reduce recurring component costs by 8%

PricewaterhouseCoopers Zhong Tian LLP — Beijing, China
Intern — May 2018 - August 2018

- Predicted trend of financial indicators such as Shanghai Stock Exchange Composite index by using financial models like portfolio theory, and longitudinal, comparative and ratio analyses
- Analyzed potential profitable investments and recommended to customers
- Collaborated with operations managers to ensure employees complied with financial and banking regulations

China International Capital Corporation Limited — Beijing, China
Finance Intern — May 2017 - August 2017

- Counseled more than 50 clients on financial matters and provided recommendations on investment opportunities, products, and services
- Participated in financing project interviews, studied investible value and risk of target companies, and provided advice to investment managers
- Coordinated with other departments in the company to ensure their financing programs comply with company policies

Projects

Dahuachangtai (Beijing) Investment Management Co. — Beijing, China
Vector Autoregression (VaR) Model to Predict Risk and Evaluate Financial Markets — May 2019 - September 2019

- Built VaR model by writing code on OX (operating system) and using Excel to ascertain feasibility of VaR model in current market and company conditions, and to assist in decision-making
- Used Stata to perform regression analysis and graph trend, examined and compared impact of indexes on risk, and made market models to measure corporate risks and elasticity coefficients to make decisions

Additional Information

Languages: English (fluent), Chinese (native)
Volunteer: Joined education support activities in mountainous areas to provide help for poor children
Interests: running, traveling