Rui Xu

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Skills and Credentials

Programming: MATLAB, R, Python
Mathematics: Stochastic Calculus, Time Series Analysis
Certifications: Bloomberg Market Concepts

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

Jilin University of China — Changchun, China
B.A. Mathematical Finance — June 2020

- Merit award: Third Prize in Mathematical Modeling Contest; Academic Scholarship (2018, 2019)
- Coursework: Data Analysis, Differential Equations, Statistical Computing, Multivariable Calculus, Probability & Statistics, Ordinary Differential Equations, Partial Differential Equations, Stochastic Differential Equation, Linear Algebra

Experience

Guotai Junan Securities — Ningbo, China
Investment Analyst — April 2020 - May 2020

- Advised individual investors in choosing financial products based on their risk appetite, and sold bonds and securities worth more than 10,000RMB

HSBC — Ningbo, China
Risk Analyst Intern — July 2018 - August 2018

- Collaborated with other interns to find best methods to sell the company's products to investors
- Assisted investment manager in selling financial products to business clients

Projects

Jilin University of China — Changchun, China
National Innovation and Entrepreneurship Project — February 2019 - April 2019

- Led the team of interns in developing a mathematical model for calculating equilibrium price of a closed-end fund (MATLAB)
- Gathered market data to test parameters

Additional Information

Languages: Mandarin (native), English
Interests: Electric guitar, basketball
Volunteering: Tutored students for SAT, AP Calculus, mathematics competitions