

Yuqing Liu

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Skills

Programming: R, Python, SQL

Mathematics: Calculus, Data Analysis, Time Series Analysis

Education

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

- Coursework: Statistics, Programming (R, Python), Stochastic Calculus

B.S. Applied Mathematics & Statistics, & Economics [GPA 3.5] June 2021
Stony Brook University Stony Brook, NY

- Honors: Dean's List
- Coursework: Calculus, Probability Theory, Applied Algebra, Finite Mathematical Structures, Financial Mathematics, Econometrics, Labor Theory

Experience

Data Analyst Intern November 2020 - December 2020
Planning and Finance Department of Beichuan Fumin Village Bank Sichuan, China

- Assisted in the data-collection of the bank's assets, liabilities, financial revenue and expenditure, profit distribution and other businesses
- Use Excel to summarize data and classified the capital in and out of different businesses; Adopted R-studio to create column chart and sector chart for the Department Manager's reference

Financial Talent Elite Training Camp July 2019 - August 2019
Guosen Securities Mianyang Branch Sichuan, China

- Participated in the seminars given by the Minister of Financial Engineering Department, and learned about operation mode of the stock market from the instances of Chinese Maotai Stock
- Took charge of distributing assignments, generalizing the materials from the members, completing PowerPoint presentations, and leading my team of 4 for the summary speech concerning securities and stock market

Projects

Prediction on the Unit Price of a Commodity in the Next Year Fall 2019
Stony Brook University Stony Brook, NY

- Use Excel and R to predict the unit price of a certain commodity in the next year, by Modeling the linear regressions for the price and impact factors

Analysis on the Effect of Different Variables on Wages Fall 2019
Stony Brook University Stony Brook, NY

- Use Excel and R-Studio to analyse the influencing factors of the wage, including IQ, education level, gender, ages and working years
- Completed the analysis report, consisting of introduction, methodology, anova table, and result of the research

Additional Information

Languages: Mandarin, English

Interests: Violin, Suspense novels, Badminton