

Shuyue Shen

201 S Huntington Ave, Boston, MA | 213-713-3717 | shuyues@bu.edu | LinkedIn.com/in/shuyue-shen/

SKILLS AND CREDENTIALS

Programming: Java, MATLAB, R, Python, SQL, Tableau

Mathematics: Stochastic Calculus, Computational Methods, Time Series Analysis, Mathematical Statistics

EDUCATION

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

- Coursework: Statistics, Programming (R, Python, C++), Stochastic Methods of Asset Pricing

B.A. Financial Mathematics [GPA 3.11] May 2020
The Ohio State University Columbus, Ohio

- Coursework: Mathematical Statistics, Ordinary Differential Equations, Applied Partial Differential Equations, Financial Economics for Actuaries, Theory of Interest, Calculus, Linear Algebra

EXPERIENCE

Wealth Management Intern March 2021 - June 2021
China International Capital Corporation Limited Shenzhen, China

- Built up a data analysis model of CICC Northern China PWM (Personal Wealth Management department) business progress, which extracts and cleans the sales statistics of CICC Northern China from the CICC monthly report. Use the data to form PowerPoint for the Executive Director to report to the Board
- Assisted in planning and organizing major finance salons. Collected clients' information and gave invitations to specific clients based on their investment preferences and investment experiences
- Organize and distribute clients' data to investment consultants. Engaged in the process of opening account for clients, made client visit and quality trace periodically and update the data using Excel.

Assistant Analyst Intern, Asset and Liability Actuarial Department August 2020 - December 2020
Funde Sino life Insurance Holding Co., Ltd. Shenzhen, China

- Conducted data merging and data cleaning with Python to improve data quality on the base of collected life insurance industry data
- Performed data visualization with Excel and Tableau, analyzed the settlement rates for top 20 life insurance companies, composed analysis reports and delivered presentations monthly
- Assisted in organizing the Executive Committee meeting for the 3rd quarter of 2020 and other large-scale meetings

Assistant Analyst Intern June 2019 - August 2019
Western Securities Co., Ltd Shenzhen, China

- Comprehended the standardized trading procedures of securities companies; learned how to use the professional data query software (WIND) and the hedge strategies to deal with market risks
- Assisted in cleaning up non-compliant trading accounts and conducted the data analysis with Excel for studying the customer's investment preferences based on the customer's transaction data
- Conducted stock market trend analysis for the top 10 agriculture companies in China through WIND. Attended the meeting and referred to documents related to risk assessment and option trading

PROJECTS

Seminar on Financial Economics for Actuaries and Theory of Interest March 2019

- Learned fundamental mathematical methods for evaluating asset pricing models. Performed complex calculations and derivation of Brownian motion model, Markov model, and Black-Scholes model

ADDITIONAL INFORMATION

Languages: Mandarin, English