

Boyu Dong

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SKILLS AND CREDENTIALS

Programming: Matlab, Python, Stata, Java

Mathematics: Stochastic Calculus, Computational Methods, 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, C++), Stochastic Methods of Asset Pricing

B.S. Finance & Electronic Information Engineering [GPA 3.84] June 2021
University of Electronic Science and Technology of China Chengdu, China

- Coursework: Calculus, Investment Management, Financial Markets and Financial Institutions, Probability and Mathematical Statistics, Advanced Programming Language Design(python), Econometrics

Exchange student [GPA 4.00] January 2020 - May 2020
University of Wisconsin-Madison Madison, WI

- Coursework: Corporate Finance, Stochastic Process, Fixed Income Securities, Programming (Java)

EXPERIENCE

Data Analyst Intern May 2021 - June 2021
XW Bank Chengdu, China

- Developed excel spreadsheet to randomize prizes provided to customers opening new online bank accounts
- Downloaded data from WeChat Official Account, to track new users and recorded the daily change in subscribers (Python)

PROJECTS

Hedging Simulation Project Fall 2020
University of Electronic Science and Technology of China Chengdu, China

- Downloaded 5-year historical stock price data for 10 companies and used linear regression to calculate the portfolio's beta
- Simulated the hedging of a portfolio of 10 Chinese stocks using CSI index futures

Impact of Financial Technology on Commercial Banking Branches November 2020 - June 2021
University of Electronic Science and Technology of China Chengdu, China

- Designed a program to web scrape protected bank data and implement Pandas and Numpy to analyze the impact of technology on the closure of physical bank branches across China (Python)
- Executed Two-way FE model to figure out financial technology impacts on different banks (Stata)

ADDITIONAL INFORMATION

Languages: Mandarin, English

Interests: playing soccer, listening to music, jogging, reading detective novels