

Zefan Zhao

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Skills and Credentials

Programming: MATLAB, Python, SQL, LaTeX, C++

Mathematics: Stochastic Calculus, Computational Methods, 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, Stochastic Methods of Asset Pricing

South China University of Technology, School of Mathematics

Guangzhou, China

Mathematics and Applied Mathematics

June 2020

- Merit award: Third prize in Mathematical Contest in Modeling
- Coursework: Data Analysis, Differential Equations, Multivariable Calculus, Probability & Statistics, Ordinary Differential Equations, Linear Algebra, C++ Programming

Experience

Nuode Asset Management Company Limited

Beijing, China

Intern, Quantitative Investment Department

December 2019 - January 2020

- Analyzed the effects of different factors (value, growth, profitability, technology) on the funds and drafted reports
- Constructed a multi-factor model, analyzed competitiveness of listed companies and selected highly profitable companies

Industrial and Commercial Bank of China

Beijing, China

Risk Analyst Intern

July 2017 - August 2017

- Coordinated with regional branches to collect information on new business credit accounts and vetted the applications
- Inspected the customers operations and reviewed their financial reports to ensure their ability to repay

Projects

South China University of Technology

Guangzhou, China

The Application of MATLAB in Fuzzy Comprehensive Evaluation Algorithm

June 2019 - June 2019

- Developed a fuzzy comprehensive evaluation model to determine optimal locations for police patrol cars (MATLAB)
- Created a graphical user interface to display the location of the patrol cars

Additional Information

Languages: Mandarin (native), English

Volunteering: Assisted in organizing concerts for handicapped children in Guangzhou; taught mathematics to primary school students in Thailand

Club Activities: Organized fun competitions at as event coordinator of Student Union at South China University of Technology