

Zuhua (Joshua) Wang

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Skills

Programming: R, Python, C++, LaTeX

Mathematics: Stochastic Calculus, Computational Methods, Time Series Analysis

Certifications: CFA Level I candidate

Education

Boston University, Questrom School of Business

Boston, MA

M.S. Mathematical Finance & Financial Technology

January 2022

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

University of Miami, College of Art and Science.

Miami, FL

B.S. Mathematics - Probability and Statistics; Computer Science Fundamentals [GPA 3.85]

June 2020

- Merit award: Dean's List
- Coursework: Data Analysis, Statistical Computing, Linear and Integer Programming, Multivariable Calculus, Probability & Statistics, Ordinary Differential Equations, Linear Algebra

Experience

China Construction Bank

Ma'anshan, Anhui, China

Account Manager Assistant

June 2019 - July 2019

- Collected news articles on local companies applying for loans, presented research summary to team members
- Reviewed customers' feedback daily and suggested to manager how to improve processes and service levels
- Reviewed and improved content in over 20 instruction handouts, news releases, and advertisements
- Translated 10 customer manuals from Mandarin to English for use by foreign customers

Xinmeihua Training School

Ma'anshan, Anhui, China

Intern Teacher

May 2017 - May 2019

- Introduced Rubik's cube classes in the school curriculum
- Created a teaching plan and wrote courses notes for Rubik's cube class
- Taught over 100 elementary school students on methods of solving different Rubik's cubes
- Trained three new teachers in teaching Rubik's cube classes

Projects

University of Miami, College of Art and Science.

Miami, FL

Protein Secondary Structure Prediction Project

February 2020 - April 2020

- Constructed a protein secondary structure predictor which generates 3D model by protein sequence
- Researched latest papers and learned protein secondary structure prediction using Machine Learning
- Presented a paper to the class and elaborated the authors' method using flow chart

Additional Information

Languages: Mandarin, English

Interests: Programming (e.g. programmed a spider to monitor prices of flight tickets), investing in stocks, solving Rubik's cubes, piano, table tennis, teaching English, general knowledge contests