

Hsin-Yu (Fanvoree) Lai

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Skills

Programming: LaTeX, Python, MATLAB, C++

Certification: Bloomberg Market Concepts

Education

Boston University, Questrom School of Business Boston, MA

M.S. Mathematical Finance & Financial Technology Expected January 2022

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

National Taiwan Normal University Taipei, Taiwan

B.S. in Mathematics (GPA: 3.98/4.30) June 2018

- Relevant Coursework: Numerical Analysis, Computational Thinking and Programming, Linear Programming
- Award: Academic Excellence Award in 2015, received \$5000 NT dollars scholarship and certificate from Taiwan Ministry of Education

Experience

Affiliated Senior High School of National Taiwan Normal University Taipei, Taiwan

Teaching Assistant September 2018 - May 2019

- Instructed two high school students and provided advice to students on mathematics projects about Piecewise Curve
- Covered Calculus, Geometry, and Linear Algebra in a 36-week course to make sure students are well-prepared for Piecewise Curve projects
- Organized learning progress for 36 weeks and offered feedback for projects
- Advised students to participate in two national competitions and taught students to present projects completely in final presentation
- Designed and created handouts for students each week
- Assigned exercises related to topics of each lecture and checked students' homework each time

National Center for Theoretical Sciences Taipei, Taiwan

Internship July 2018 - August 2018

- Discussed details of Conformal Mapping project and assigned work to two members to ensure project is completed in time
- Prepared final report and slides for presentation, and presented results to professors and colleagues

Additional Information

Interests: Bridge, price fluctuation in stocks and funds, financial management and investment

Languages: English, Chinese (native), Taiwanese (native)

Leadership Activity: Started a study group at NTNU to help students learn and discuss mathematical analysis and theories