Jintao Yu

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Skills and Certifications

Programming: Python, R, MATLAB, SQL, Excel, LaTeX
Mathematics: Linear Algebra, Real Analysis, Stochastic Processes
Certifications: CFA Exam Level I Candidate

Education

Boston University, Questrom School of Business — Boston, MA

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

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

Boston University, Metropolitan College — Boston, MA

M.S. Financial Management [GPA 3.88] — May 2019

- Coursework: Probability & Statistics, Python Programming, Accounting, Corporate Finance, Logistics Management, Quantitative Methods, Fix Income, Derivative Securities, Portfolio Management

China Foreign Affairs University — Beijing, China

B.A. French and International Relationships [GPA 3.54] — June 2017

Experience

Investwide Capital LLC — Manhattan, NY

Investment Analyst — May 2018 - July 2018

- Directed a research team of four interns on operational analysis (Porter's five forces, value chain) of Chinese consumer technology companies; delivered investment proposal to clients such as Berkshire Hathaway
- Generated short-term performance projections; visualization of operational data (Python); presented results to clients

Zhejiang Caitong Securities — Hangzhou, China

Risk Analyst Intern — June 2017 - August 2017

- Led a Corporate Bond management team of two interns on auditing operation performance, and computing TVM bond valuation, modified-duration data; created management memo on commercial SQL system
- Prepared short-term interest rate anticipation and bond price sensitivity with binominal tree technique; conferred with clients to establish risk mitigating actions and drafted quarterly risk disclosure report

Projects

Boston University, Metropolitan College & Pardee Center — Boston, MA

Research Assistant of Carbon Policy Modelling — November 2018 - April 2019

- Conducted a literature review and collected CDLA time series data (Python Pandas, Eviews); identified clean energy valuation variables with explanatory power for carbon emission reduction.
- Used GAMS to access macro data; conducted variables analysis with AIC, heteroscedasticity-robust F techniques and SVAR projection using stochastic methods

Additional Information

Languages: Mandarin (Native), English (TEM-8), French (TFS-8), German (Beginner)
Volunteering: Worked as French & English translator at photography exhibitions and international diplomatic conferences; organized meetings and academic forums as head of operation team at Current Affairs Study Association at CFAU; 2013-14
Awards: Received second prize in Chinese Physics Olympiad, 2012
Interests: Cognitive psychology & psychodynamics (Coursera certificate from Yale University - Introduction to Psychology, July 2020)