Yunnan Tao

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Education

University of Connecticut — **Hartford, CT**

Master of Science in Financial Risk Management (STEM) — *December 2018*
- Cumulative GPA: 3.6/4.0
- Relevant Coursework: Risk Measurement, Risk Management, Derivatives Pricing, Python, R.

Tianjin University of Finance and Economics — **Tianjin, China**

Bachelor of Science in Financial Engineering — *June 2017*
- Relevant Coursework: Financial Engineering, Mathematical Finance, Econometrics, Economics, Accounting, MATLAB, SAS, R.

Academic Projects

University of Connecticut — **Hartford, CT**

Capstone Course - E&Y Health Score - Team member — *June 2018 – November 2018*
- Built a personal physical status score using a combination model; collected personal data and determined the probability of the relevant disease occurrence in order to determine the insurance premium.
- Cleaned data, fitted the model with SVM, designed the interface and deployed the model on website (http://35.196.27.108:8888/Healthscore/) and Android platform with Google Cloud so that users can use the model on website.

Tianjin University of Financial and Economics — **Tianjin, China**

Student Research Training - Quantitative Research on Emotion Index – Leader — *October 2015 – October 2016*
- Collected relevant emotional indicators of college students and public investors; used principal component analysis method to construct a sentiment index and found the emotion index to have predictability to the stock price.
- Led the team to complete data collection by surveys and web crawler, constructed and programmed the model, and reported findings in paper.

Internship — **Dalian, China**

China Construction Bank — *June 2016 – July 2016*

Personal Business Manager Assistant Dalian
- Studied financial product marketing strategies, assisted client managers to maintain customer information, and promoted financial products.
- Gained insight into banking operations and enhanced work capabilities.

Competition and Accomplishments

- Outstanding Winner, "Zhongjin Cup" Futures Derivatives Contest — *June 2016*
- National 2nd Place & Provincial 1st Place, Mathematical Contest in Modeling — *December 2015*
  - Collected data, established models to describe the supply and demand of taxis in different time and space, and proposed a new subsidy policy.
- 6th Place, 1st "Essence Securities Cup" TJUFE Simulated Stock Trading Contest — *June 2015*
- Provincial 2nd Place, National Olympiad in Informatics in Provinces — *December 2010*

Skills

Master user of MATLAB, Python; Proficient in VBA, R, SAS, SPSS, SQL; Algorithm; Data Structure; Photography; Familiar with data, statistics, financial models

Certifications

CFA level I; Candidate of FRM level II; Bloomberg Market Concepts Certification

Professional Summary

The advantage is the equal development of finance and computer. With the education background in finance and the practice in modeling and programming, I am familiar and experienced in the process of addressing complicated financial issues through rational mathematical analysis, logical computer programming, and quantitative modeling.