

Zixuan Yuan

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OBJECTIVE

Recent business school graduate with strong data analysis and programming skills seeking an entry-level data analyst position

EDUCATION

Master of Science

GPA:3.833/4.0

Rutgers Business School, Rutgers University

Graduation: December 2016

Bachelor of Science

GPA:3.3/4.0

Department of Economics, Tongji University, China

Graduation: June 2015

COURSES AND COURSE PROJECT

Key Undergraduate Courses:

Calculus, Probability and Mathematical Statistics, Linear Algebra, Applied Statistics, Database Technology and Application (SQL server), Elementary Economics (Micro and Macro), Financial Management, Insurance

Key Graduate Courses:

Data Mining, Financial Time Series, Linear Programming, Discrete Optimization, Algorithm and Data structure, Data Analysis & Decision making, Optimization in Supply Chain Management, Business Data Management, Introduction to Probability

Graduation Project- The Right Startup to Invest: A Multi-Source Data Driven Strategy

- 1) Wrote Python code to collect data regarding the investors, startups, and investment records
- 2) Performed feature selection to identify the right indicators for assisting investors to target the right startups
- 3) Helped to develop a Probabilistic Latent Factor model to estimate the investment preferences of all the investors in a collaborative way

RESEARCH EXPERIENCE

T+0 Algorithmic Trading Model

February 2017 – present

- 1) Contributed to develop an algorithmic trading model based on Chinese stock market data
- 2) Applied this trading model to predict other similar potentially profitable stocks and found out 70 target stocks of which the average rate of return per deal is 0.5%
- 3) Improved the accuracy of model predicting capability up to 80%

WORK EXPERIENCE

DoubleBridge Technologies, Princeton, NJ

Project Manager

September 2016 – January 2017

- 1) Led the project stream and hosted week status meeting/working sessions
- 2) Authorized project schedule, SDLC documents and management checkpoints

GMAX Asset Co. Ltd., Shenzhen, China

Data Analyst Intern

May 2016 - August 2016

- 1) Extracted large-scale daily stock market data using Python/R
- 2) Performed market data processing and transformation using Python/R
- 3) Performed extensive data analysis on stock market data to validate the trading strategies
- 4) Wrote reports about the impact of fiscal policies on the finance industry

Chaos Ternary Futures Co. Ltd., Shenzhen, China

Risk Management Intern

June 2013 - August 2013

- 1) Collected data and generated reports for to the manager using Word, Excel and Tableau
- 2) Monitored the trading system and helped to identify trading problems and opportunities based on evolving patterns of raw oil price

China Everbright Bank, Shanghai, China

Database Intern

June 2012 - October 2012

- 1) Researched the business process and generate the key steps for business operations
- 2) Helped the financial department to generate data reports using the SQL queries
- 3) Performed database daily maintenance

TECHNICAL SKILLS

Python, R, Java, C#, SPSS, EXCEL, EVIEWS, SQL, SAS, Tableau