Yuan Wang

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Education

Aug 2024-Present	**NUS Business School (Singapore)**	**Master of Science (Finance) programme**
Aug 2021-Jun 2024	**Lehigh University (USA)**	**Bachelor of Science (Finance) programme**

GPA: 3.49/4.00 **Honors:** named to the Dean's Honor Roll for Spring 2023 and Fall 2024

Internship Experience

Jun 2023-Sept 2023　　　　　　　**Tianfeng Securities Co., Ltd.**　　　　　Research Assistant ┃ Shanghai

- **Internal information management optimization:** Coordinate the internal mapping process of the official account, edit necessary information to improve accuracy and timeliness, and improve communication and decision-making efficiency.
- **Interdepartmental data integration:** Collaborate interdepartmental to collect and integrate industry and company key data, design templates and unified format, and integrate data to help develop strategic plans.
- **Stock Research and Monitoring:** Real-time monitoring of 10 stocks by incorporating multi-source information with Excel and stock evaluation model. Analyzes price trends, turnover, etc. to provide reference for investment.

Dec 2022-Jan 2023　　　　　　　**Caida Securities Co., Ltd.**　　　　　　Research Assistant ┃ Beijing

- **Report writing and quality control:** Assist in writing project reports and participate in data collection throughout the process. Strictly check data, correct data errors to ensure report accuracy.
- **In-depth analysis of financial data:** Use tools to monitor and analyze the company's financial data twice a week. Reviewed three annual and semi-annual reports, analyzed ratios and trends to identify problematic trends. Prepare cash flow statements in Excel to provide data for financial evaluation and support the company's financial decision-making.
- **Financial process optimization recommendations:** Study the company's financial processes based on data analysis and put forward optimization recommendations. Collaborate with the finance department to promote the implementation of some of the recommendations to improve work efficiency.

Jun 2022-Aug 2022　　　　　**Shenwan Hongyuan Securities Co.,Ltd.**　　　Investment Banking Intern | Shanghai

- **Due Diligence and Execution:** Participate in two projects and due diligence under the guidance of supervisor. Collect various materials of the target company, organize and analyze, and write investigation reports.
- **Company tracking and intelligence collection:** Track 1 company every day, collect dynamic information and provide timely feedback to the research team to help the company grasp market dynamic investment opportunities.
- **Investment project auxiliary analysis:** Investigate and track information, conduct preliminary valuation and risk assessment of investment projects. Assist in preparing analysis reports and making investment recommendations.

Project Experience

Jan 2024-May 2024　　　　　　**Financial Technology Final Project**　　　　　　　　core member

Project Description: Utilize technology to improve the way of financial data processing and analysis of medium-sized enterprises, and enhance the science of investment decision-making in order to better serve institutional and private investors.

Project Responsibilities:

- **Automation Framework Construction and Data Optimization:** Lead the design of financial data preprocessing framework, integrate advanced technology to improve data collection and preprocessing process to fully automated.
- **Indicator System Reconstruction and Decision Empowerment:** In-depth exploration of investor logic, reconstructing the financial indicator system to improve the accuracy of indicators reflecting corporate value. Develop decision-making tools to simplify decision-making for institutional and private investors and shorten decision-making time 90%.
- **Automate the construction and performance of model:** Use Python to automate the whole process and expand the number of analyzed companies from less than 10 to 2000 per month. Random Forest algorithm is used to build the model, select 14 key features, optimize parameters to reduce overfitting, improve prediction accuracy, and provide reliable support for investors.

Project Achievements: The successfully constructed financial data automation processing framework and optimization model run efficiently in the project, improving data processing efficiency and analysis accuracy. The new financial indicator system and decision-making support tools help optimize investment decisions, shorten decision-making practices, and reduce simulated investment portfolio risk.

Personal summary

- **Job skills:** Proficient in financial modeling, financial analysis, data analysis, and Bloomberg terminal operation. Good at building data processing frameworks, optimizing financial indicator systems and decision-making processes. Ability to use multiple algorithms to build models and improve prediction accuracy, which can help investment decisions and financial business analysis.
- **Software application:** Skilled in using Excel, PPT, Word and other office software; proficient in Python, machine learning and R language, and can comprehensively utilize tools to work efficiently.
- **Language skills:** Chinese (native), English (proficient), spoken English can be used as a working language, able to conduct effective business communication and translation of relevant documents.
- **Comprehensive quality:** Strong logical thinking, teamwork, stress resistance and problem-solving ability, able to communicate efficiently, analyze accurately and make decisive decisions in a complex financial environment.
- **Hobbies:** Love football and fitness, is a member of relevant clubs at Lehigh University, actively participates in related activities, showing excellent teamwork and competitive spirit.