

Yuhan Wu

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EDUCATION

HEC Paris – École Polytechnique

Master's Double Degree in Data Science & Finance

Paris, France

September 2025 - June 2027

Fudan University, School of Economics

Bachelor of Economics, Finance (GPA: 91/100)

Shanghai, China

September 2021 - June 2025

INTERNSHIP EXPERIENCE

QianXiang Asset Management

Quantitative Researcher Intern, Equity Trading Team

Shanghai, China

July 2024 – November 2024

- Built a hot theme selection strategy by applying a pre-trained model from Hugging Face for word embedding analysis and clustering financial news texts. Extracted investment themes using TF-IDF and created a hot theme monitoring algorithm based on Baidu Index to support strategy development for the trading team.
- Developed a theme investment strategy by analyzing events such as policy changes, macroeconomic data, and performance trends from theme related news. Implemented a dynamic theme-based portfolio adjustment strategy using event types, correlation coefficients, and importance scores.
- Automated data scraping using tools like Fiddler and Selenium to collect policy text and event data, providing essential data support for event analysis.

Pinnacle AI

Quantitative Researcher Intern, Alpha Team

Shanghai, China

November 2023 - July 2024

- Created a bubble identification strategy utilizing a sentiment index for stocks generated by a LLM trained by Pinnacle. Developed a time-series timing strategy for bubble events and trained an event recognition agent using a Deep-RL model to improve strategy-building efficiency. Achieved an average investment success rate of 58% across the invest universe, with an average annualized return of 14%, and exceeded a 65% success rate for sentiment-sensitive companies like TSLA-US and AAPL-US.
- Constructed a quantitative measurement factor for industry bubble intensity, incorporating the industry chain map and momentum analysis, and provided the trading team with actionable bubble detection indicators for strategy development.

GuoTai Junan Security

Analyst Intern, Chemicals Industry Team

Shanghai, China

June 2023 - November 2023

- Authored a comprehensive report on Huafeng Chemical and the spandex industry, analyzing the production chain and financial operations of traditional manufacturing companies. Conducted peer comparisons to highlight the importance of financial management and product quality control in leading companies during economic downturns.
- Developed and managed a visual database for chemical raw material inventory quantiles using Excel, ensuring efficient daily operations and maintenance.

PROJECT EXPERIENCE

Fund Manager Partisan Speech Recognize Program, Research Assistant

Professor Lin Sun, Fudan University, FISF

Shanghai, China

September 2023 – June 2024

- Developed Python scripts using the Requests library to scrape Twitter statements from fund managers and all U.S. lawmakers over the past decade. Performed sentiment analysis and multinomial inverse regression comparison, achieving party affiliation classification for fund managers based on speech recognition.
- Fine-tuned Google's Inception-v4 model using PyTorch on ByteDance's image sentiment recognition dataset, modifying the final output layer to capture emotional information in images and provided sentiment analysis for images accompanying fund managers' Twitter statements.

SKILLS AND OTHER

Language: English (IELTS: 7.5), Mandarin (native)

Computer Skills: Python, C++, Stata, SQL, Stata, R

- Certificate with Distinction of C++ Programming for Financial Engineering from Baruch College