YingHang Chen

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Education

Southern University of Science and Technology 2024/09 - 2028/06 (Expected)
Doctor of Philosophy in Statistics Shenzhen, China

- Teaching Assistant for MA212 Probability Theory and Mathematical Statistics(Fall 2024, Spring 2025)

Shanghai University of International Business and Economics 2022/09 - 2024/06
Master of Commerce in Applied Statistics Shanghai, China

- Outstanding Student, 2023.(5%))
- First-Class Academic Scholarship, 2023.(10%)
- First-Class Academic Scholarship, 2022.(10%)

Sichuan University 2017/09 - 2021/06
B. Eng in Aerospace Engineering Chengdu, China

- Outstanding Student Leader, 2018

Research Interests

- Network analysis: longitudinal network, signed network
- Causal inference: directed acyclic graph, chain graph
- Psychometrics: latent variable model, multidimensional scaling/unfloding

Publications

- **Published Papers**
  - I haven't published a single paper yet, but I will keep working hard. 😭😭😭
- **Submitted Papers**
  - The Construction and Comparative Analysis of Chinese Modernization Index: Empirical Research based on Provincial Panel Data from 2010 to 2021, **Yinghang Chen** & Yun Zhou& jianfeng Zeng
  - Configuration retrieval from noisy partial distance matrix, Haoran Zhang & **Yinghang Chen**

Internship

ZhuYin Information Technology, Ltd 2023/05 - 2023/09
Macroeconomic Financial Data Analyst, Intern Shanghai, China

- Conducted data governance (Data Pipeline) on financial raw data, and performed data annotation on numerical and textual data.
- Designed shared state and streaming index in RisingWave; implemented index lookup join executor; implemented delta join DAG optimizer transformations; implemented distributed delta join scheduler
- Built a web scraping framework for data mining on Bloomberg and Investing platforms; constructed a database back-end system.
- Applied machine learning or deep learning models to develop macro investment strategies.

DingSen Investment Management, Ltd 2023/09 - 2024/01
Quantitative Financial Researcher, Intern Shanghai, China

- Researched and developed quantitative trading strategies for financial products such as securities, futures, and options.
- Utilized a time series framework based on Transformer for factor mining and return prediction.
- Developed and optimized quantitative trading strategies to enhance strategy stability and profitability.