JieXi Ge

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Education

University of California, Berkeley *Sept 2024 – June 2025*
computer science

- GPA: 4.0/4.0
- **Coursework:** Advanced Large Language Model Agents (In progress), Deep Learning for Visual Data (In progress), Discrete Mathematics and Probability Theory(A+), The Structure and Interpretation of Computer Programs (A), Data Structures(A)

Shanghai University of Finance and Economics *Sept 2022 – June 2026*
BS in accounting

- GPA: 3.65/4.0
- **Coursework:** Computer Applications in Economic Management (3.7), Big data processing technology (3.7), Linear Algebra (4.0), Advanced Mathematics (4.0), Probability Theory (4.0)
- **Awards:**Second Prize, Provincial NOI (National Olympiad in Informatics); Third Prize, Shanghai University Mathematical Modeling Competition

Internship

Part-time assistance *ShangHai, China*
PWC Financial Data Consulting *Aug 2024 – Oct 2024*

- Worked under the guidance of my mentor to develop and run Expected Credit Loss calculation models. I gained hands-on experience in understanding the logic behind ECL models and handling financial data.
- My responsibilities included data cleaning, building models, and creating **visualization tools** to help interpret and present key insights effectively. This experience enhanced my ability to apply analytical techniques and provided me with practical exposure to solving real-world financial challenges.

Research experience

Financial News Analysis and Stock Market Prediction *ShangHai, China*
Apr 2024 – Jul 2024

- Under the guidance of my professor, I learned and participated in using large language models (LLMs) to analyze financial news for stock market prediction.
- My work involved data preprocessing, sentiment analysis, and market trend modeling, utilizing natural language processing (NLP) techniques to extract key insights and incorporate time-series analysis for market sentiment modeling. Through this experience, I became familiar with LLM applications in financial text mining and gained knowledge of financial data analysis and quantitative research methods.

Academic Competitions

National Olympiad in Informatics in Provinces Second Prize, Shaanxi

- Proficient in C++ programming with hands-on experience in algorithm design and framework construction for problem solving. During the period, I frequently engaged in simulation contests, consistently achieving high rankings in official competitions.
- Tools Used: C++

China Undergraduate Mathematical Contest in Modeling (CUMCM) Third Prize, Shanghai

- Collected and processed supermarket vegetable sales data, including storage duration (refrigerated vs. non-refrigerated), historical sales trends, and stocking times.
- Built an LSTM-based deep learning model to predict the optimal restocking strategy, improving forecasting accuracy compared to traditional regression models.

- Tools Used: Python, Matlab, Stata

Technologies

Computer Skills: C++, Java, Python, Excel, Pytorch

Languages : College Entrance Examination English Score: 145/150; IELTS 7.5