Junning Zhang

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EDUCATION

The University of Chicago — Chicago, IL

- Incoming candidate for Masters in Financial Mathematics — Expected June 2026
- Bachelor of Science | Majors: Mathematics, Computer Science — September 2021 – June 2025
- GPA: 3.92/4.00
- Honors: Dean's List (2022); Robert Maynard Hutchins Scholar (2023); UChicago Trading Competition (2023)
- Relevant Coursework: Portfolio Management and Algorithmic Trading; Abstract Linear Algebra; Statistical Theory and Methods; Fundamentals of Deep Learning; Honors Graph Theory; Honors Theory of Algorithms

Awards

- National Merit Scholarship Recipient (2021 - present)
- AIME (American Invitational Mathematics Exam) Qualifier (2020); AMC 12A Honor of Distinction (2020)

EXPERIENCE

Harvest Wealth Management — Beijing, China
Quantitative Analysis Researcher Intern — June 2024 – August 2024

- Constructed model to predict stock returns using deep learning architectures such as neural networks and GRU
- Implemented Python code for the model using PyTorch and trained the network using historical stock data
- Tested the model in real-world investments and obtained a 23.3% annual return

Microsoft — Beijing, China
AI Research & Development Intern — June 2023 – September 2023

- Conducted up-to-date research on Large Language Models and actively participated in team weekly sharing sessions
- Assisted software development team to implement newest Microsoft services related to GPT and LLM

Toyota Technological Institute at Chicago — Chicago, IL
Research Assistant — January 2024 – June 2025

- Conduct original research in deep learning theory under the guidance of Professor Zhiyuan Li at TTIC
- Investigate the phenomenon of equiseparation in neural networks and attempt to prove it theoretically

Chenglai Electric Technology — Hong Kong (remote)
Data Analyst Intern (Part-Time) — January 2023 – March 2023

- Performed analysis and modeling on data related to wind power and other renewable energy
- Employed machine learning models and time series analysis to predict data trends and improve efficiency

SKILLS & INTERESTS

Computer: Proficient in Python, C, C++, and Microsoft Office Suite; Familiar with SQL, R, JavaScript, HTML, Rust, NumPy, Pandas, PyTorch
Languages: Fluent in Chinese and English; Proficient in reading and writing Spanish
Extra-Curricular Interests: Cross-country running; Poker; Clarinet; Math puzzles

ACTIVITIES

University of Chicago Financial Markets Program — September 2022 – June 2025

- Participate in a selective three-year quantitative finance program
- Engage in workshops, employer visits, Chicago Booth coursework, and the UChicago Trading Competition

University of Chicago Maroon Capital Club — September 2022 – June 2023

- Participated in a quantitative finance student organization as a selected member
- Attended weekly educational workshops and participated in capstone project