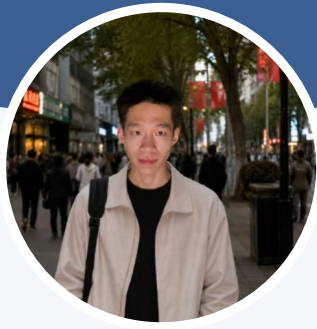


Peiyu Liu



Personal details



Peiyu Liu



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Programming Skills

R, C++, Python, Stata, Latex,
SQL

Education

Bachelor of Economics
School of Economics, Nankai University

Sep 2022 - Jun 2026

Research Interests

Quantitative Marketing and AI.

Academic Background

GPA: 90.02/100

Research Experience

**Research Assistant, School of Economics,
Nankai University**

Apr 2024 - Feb 2025

Advisor: [Prof. Shumeng Zhang](#)

Participated in research projects related to labor economics and family economics, with responsibilities including figure design, data collection, literature search, and web scraping.

Mathematical and Programming Background

During my senior year, I applied for extra course enrollment quotas from **the School of Statistics, the School of Mathematics, and the School of Computer Science** for courses related to artificial intelligence, mathematics, and programming. This gave me the opportunity to take the following additional courses outside my major, with grades shown in parentheses: Statistical Learning (96), Deep Learning (94), Numerical Approximation (96), Statistical Computing (99), AI Agents (98), Generative Artificial Intelligence (95), Natural Language Processing (96), Data Structures (91), SQL Database (93), and Nonparametric Statistics (86).

Relevant Course Projects

- 1.A Multi-Agent Economic Simulation and Visualization Experimental Platform Based on Reinforcement Learning
- 2.A Personalized Chatbot System Fine-Tuned Using WeChat Chat Records
[githublink](#)

Working Paper

- 1.**Active Validation: Improving the Efficiency of Two-Stage Debiasing through Strategic Sampling** (Draft available upon request.)
- 2.**Dynamic and Robust Policy Learning from Biased Samples**(Experiment, done; analysis phase)