

GUANXI LI

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EDUCATION

Fudan University

Sep 2021 – Jun 2025 (Expected)

Bachelor of International Economics, GPA: 3.70/4, Rank 6/76.

Shanghai, China

- Core courses taken: Advanced Mathematics (A), Linear Algebra (A), Econometrics (A), Probability Theory and Mathematical Statistics (A-), Contemporary Chinese Economy (A), International Finance (A), International Trade (A-), Monetary Economics (A), Political Economics (A), Public Finance (A), Investment (A), World Economy (A), Economic History (A), Corporate Finance (A), Macroeconomics, Microeconomics, Game Theory.
- Honorary Awards: 2022–2023 Second Prize of the Scholarship for Outstanding Students at Fudan University (top 12%); 2021–2022 Second Prize of the Scholarship for Outstanding Students at Fudan University (top 12%); Outstanding Student of Fudan University in the first half of 2022 (top 7%).

RESEARCH EXPERIENCE

A Sufficient Statistics Approach for Macro Policy, Independent Researcher

Jan 2024 – present

Supervisor: Wenbin Wu (Professor of Fanhai International School of Finance, Fudan University)

- Based on the sufficient statistics model developed by Barnichon, R., & Mesters, G. (2023);
- Replicated the main results of the paper using Bayesian Vector Autoregression and sufficient statistics;
- Applied the approach and the latest datasets, and achieved innovative conclusion that the Fed could have brought down the expected inflation in July 2021 and expected unemployment in January 2023 faster for federal funds rate policy.
- Achieved innovative conclusion that the Fed could have brought down the expected inflation faster in January 2022, and brought down expected unemployment faster in April 2020 for slope policy.

A Reconsideration of the Uncovered Interest Rate Parity, Research Assistant

Jan 2024 – present

for Wenbin Wu (Professor of Fanhai International School of Finance, Fudan University)

- Based on the uncovered interest rate parity model (UIP) revised by Engel, C. et al. (2022);
- Constructed a panel using CEIC datasets and a dataset from Refet S. Gürkaynak et al. (2022) from 2005 to 2023, and applied the OLS methodology between China and the US;
- Revealed a significant correlation between the differences in exchange rates, federal interest rates, and monetary policy surprises, suggesting that the additional conditions required for the UIP law to hold in developing countries.

Human Capital Investment and Household Savings, Independent Researcher

Sep 2023 – Dec 2023

Supervisor: Hong Song (Professor of Economics Department, Fudan University)

- Conducted a comprehensive review of human capital investment and household savings behavior under OCP;
- Based on the Overlapping Generation model of Huang, L., & Liu, Y. (2008) and reconstruct it by revising the conditions for market exit, which led to the same and robust closed form solutions;
- Investigated the impact of declining fertility rates on savings rates and human capital investment rates and provided a thorough discussion of the influencing pathways through the closed form solutions of the Overlapping Generation model;

Political Hierarchy and Economic Development, Independent Researcher

Mar 2023 – May 2023

Supervisor: Fei Jin (Professor of Economics Department, Fudan University)

- Based on the regression discontinuity design model by Jia, J., Liang, X., & Ma, G. (2021);
- Replicated the core result and studied the effect of the Chongqing's promotion on regional development using RDD;
- Investigated and corrected an error in the use of dummy variables when employing the RDD method in the paper.

Economics Research Workshop for Undergraduate

Jun 2021 – Dec 2021

Advisor: Professor Zhikuo Liu and Zhao Chen (Professor of Economics Department, Fudan University)

- Regarded important macroeconomics issues in China, and conducted specialized literature reading, such as 'Topics in the Chinese Economy' by Justin Lin Yifu and 'Using Big Data to Solve Economic and Social Problems' by Raj Chetty.

TEACHING EXPERIENCE

Econometrics | Teaching Assistant

Feb 2024 – present

- Assessed weekly problem sets on econometrics exercises and mid-term presentations with a size of 60 students;
- Communicated with students about math solving problems, research intuitions and logistical issues during office hours and through email.

EXTRA-CURRICULAR PRACTICE

2023 Oliver Wyman Impact Consulting Case Competition

Mar 2023 – Apr 2023

Core Group Member (My team has been honored as a TOP 100 TEAM)

- Collected comprehensive data, developed in-depth strategies for the target company and created well-organized slides.

Befor Capital

Sep 2022 – Aug 2023

Investment & Research Intern

Shanghai, China

- Conducting market research for the company's investment projects and providing support for Angel round, pre-Series A, and Series A investment decisions and financing strategies;
- Participated in several project roadshows as a representative of the company to complete investment decisions.

Fudan University '12·9' Chorus Competition

Sep 2021 – Dec 2023

Choir Leader

Shanghai, China

- Led choir to win the gold medal (2021), gold medal (2022) and bronze medal (2023), and set a record in school history.

PERSONAL INFORMATION

Language: Mandarin (native), English (fluent).

Computer skills: STATA, MATLAB, L^AT_EX, Microsoft Office, DaVinci Resolve.

Hobbies: Chorus, Jogging, Basketball, Surfing.