

GUANXI LI

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EDUCATION

Fudan University

Sep 2021 – Jun 2025 (Expected)

Bachelor of International Economics, GPA: 3.80/4, Rank 4/84.

Shanghai, China

- Core courses taken: Advanced Mathematics (A), Linear Algebra (A), Econometrics (A), Analysis of Cross-Section and Panel Data (A), Contemporary Chinese Economy (A), Labor Economics (A), Industrial Organization (A), International Finance (A), International Trade (A-), Monetary Economics (A), Enterprise Internationalization (A), Political Economics (A), Public Finance (A), Classic Literature Reading and Academic Writing (A), Investment (A), Python (A).
- 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%).

University of California, Berkeley

Jun 2024 – Aug 2024 (Expected)

Berkeley Summer Session.

Berkeley, US

- Core courses taken: Concepts of Statistics (STAT 135), Behavioral Finance (UGBA 136).

WORKING PAPER

Is the Fed Behind the Curve?

Jan 2024 – present

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

- *Abstract:* I employed BVAR and iterative sufficient statistics method to focus on whether the high inflation in the United States since 2021 is caused by the Federal Reserve's monetary policy being behind the curve. Furthermore, I combined different forecasts and starting periods to analyze the formation of the macro counterfactual paths, and delved into the mechanisms influencing optimal policy decisions. Specifically, about 12% of the inflation gap can be attributed to Fed policy errors, and about 7% of the inflation gap can be attributed to Fed forecast bias.

RESEARCH EXPERIENCE

Drivers of the Global Financial Cycle, Research Assistant

Jun 2024 – present

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

- Examined the relative importance of U.S. monetary policy shocks compared to other shocks (U.S. corporate bond spreads, U.S. bank leverage, and the U.S. term premium) in driving the Global Financial Cycle (GFC) using SVAR;
- Utilized methods including Bootstrapping and MLE to calibrate the degrees of freedom of the t-distribution.

Bibliometric Analysis of Development Economics, Research Assistant

May 2024 – present

for Guojun He (Professor of HKU Business School, University of Hong Kong)

- Identified the effects of China's compulsory education policies on cognitive abilities and educational attainment;
- Implemented methods including Propensity Score Matching Difference-in-Differences and Instrumental Variables;
- Crawled authors, article titles, abstracts, and PDFs from CNKI and other specified websites using Python.

A Reconsideration of the Uncovered Interest Rate Parity, Research Assistant

Jan 2024 – Apr 2024

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

- Examined the uncovered interest rate parity model (UIP) revised by Engel et al. (2022) between China and the US;
- Constructed a panel using original CEIC datasets from 2005 to 2023, and applied the OLS and IV methodology;
- 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.

Insights on US Monetary Policy, Group Research

Mar 2024 – Jun 2024

Supervisor: Zhiyuan Li (Professor of Economics Department, Fudan University)

- Developed a sufficient statistic model, and proposed possible improvements for the sufficient statistics approach by Barnichon and Mesters (2023) in evaluating the welfare effect of monetary policy in the US;
- Conducted a comprehensive review of literature and news on US's monetary policy, analyzed the relationship between theoretical methods and real-world policy, and examined the balance between policy rules and situational flexibility;
- Delivered a ninety-minute presentation independently and was responsible for all the theoretical sections.

Human Capital Investment and Household Savings, Independent Research

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;
- Revised the conditions for market exit based on the Overlapping Generation Model (OLG) of Huang and Liu (2008);
- Investigated the mechanism behind the impact of declining fertility rates on savings rates and human capital investment, based on the closed form solutions derived from the Overlapping Generation Model (OLG).

TEACHING EXPERIENCE

Econometrics (Undergraduate level) | *Teaching Assistant for Prof. Fei Jin*

Feb 2024 – Jun 2024

- Graded and assigned weekly problem sets on econometrics exercises and mid-term presentations with a class size of 60;
- Communicated with students about math solving problems, research intuitions and logistical issues during office hours;
- Engaged students in relevant activities, such as regression methods, quasi-experiments, non-parametric methods, and use of statistical software, including Stata and Python.

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.

Fudan University ‘12·9’ Chorus Competition

Sep 2021 – Dec 2023

Choir Leader

Shanghai, China

- Organized fellow students, communicated with the conductor, and fostered artistic innovation as the choir team leader;
- 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, Python, R, L^AT_EX.

Hobbies: Chorus, Piano, Opera, Jogging, Basketball.

Website: <https://iamguanxili.github.io/>