

# GUANXI (JASON) LI

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

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## EDUCATION

### Fudan University

Sep 2021 – Jun 2025 (Expected)

*Bachelor of International Economics, GPA: 3.80/4, Rank 6/84.*

*Shanghai, China*

- Core courses taken: Advanced Mathematics (A), Linear Algebra (A), Econometrics (A), Analysis of Cross-Section and Panel Data (A), Probability Theory and Mathematical Statistics (A-), Contemporary Chinese Economy (A), Industrial Organization (A), International Finance (A), International Trade (A-), Monetary Economics (A), Enterprise Internationalization (A), Political Economics (A), Public Finance (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? [Draft Code](#)

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.

## RESEARCH EXPERIENCE

### Bibliometric analysis of literature in development economics, Research Assistant May 2024 – present

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

- Using Propensity Score Matching Difference-in-Differences and Instrumental Variables to identify the causal effects of China's compulsory education policies in 1986 on the improvement of cognitive abilities and educational attainment;
- Using Python to retrieve authors, article titles, abstracts, and PDFs from CNKI and other specified websites.

### 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 et al. (2022);
- Constructed a panel using CEIC datasets and a dataset from Gürkaynak, Karasoy-Can, and Lee (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.

### Insights on US Monetary Policy, Group Research

Mar 2024 – Jun 2024

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

- Proposed possible improvements for the sufficient statistics approach by Barnichon and Mesters (2023);
- Evaluated alternative predictive data, revealing more accurate forecasts during high inflation periods in the U.S.;
- Analyzed the relationship between sufficient statistics methods and real-world monetary policy, examining the balance between policy rules and situational flexibility, and identifying practical limitations in policy application.
- Delivered a ninety-minute presentation independently and was responsible for all theoretical sections.

### 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 and Liu (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.

## TEACHING EXPERIENCE

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

**Feb 2024 – Jun 2024**

- 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

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**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*

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

## PERSONAL INFORMATION

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

**Computer skills:** Stata, Matlab, Python, R, L<sup>A</sup>T<sub>E</sub>X.

**Hobbies:** Chorus, Jogging, Basketball, Surfing.