

# Zhouzhou Gu

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## Education

### Princeton University

Ph.D. in Economics.

NJ, USA

Aug. 2024 – Present

### Peking University

B.S. in Physics, B.A. in Economics.

Beijing, China

Aug. 2018 – July 2022

## Research Interests

Macroeconomics, Macro-finance, Asset Pricing

## Working Papers

- “[Global Solutions to Master Equations for Continuous Time Heterogeneous Agent Macroeconomic Models](#)”, with Jonathan E. Payne, Mathieu Laurière and Sebastian Merkel, May 2024.
- “Housing Policy and Inequality”, with Jonathan E. Payne, November 2023.
- “[Deep Learning for Solving and Estimating Dynamic Macro-Finance Models](#)”, with Wenhao Li, Lu Lu, Benjamin Fan, Edward Qiao and Anran Jiao, Aug 2024. Accepted at *Computational Economics*.
- “[Asset Pricing, Participation Constraints, and Inequality](#)”, with Goutham Gopalakrishina and Jonathan E. Payne, April 2024.

## Selected Research Experience

### Senior Research Specialist, Bendheim Center for Finance, Princeton University

Advisors: Prof. Markus K. Brunnermeier & Prof. Jonathan E. Payne.

NJ, USA

Sep. 2022 – Aug. 2024

### Marshall School of Business, University of Southern California

Research Assistant to Prof. Wenhao Li.

Remote

June 2021 – June 2022

## Seminars and Conferences (\* presented by co-authors)

- 2024: Peking University, IMIM Seminar Series, European Finance Association Annual Meeting\*, University of Zurich\*, University of Chicago\*, NBER Summer Institute\*, CESifo\*(Money, Macro and Finance), Northern Finance Association\*, SED Barcelona.
- 2023: Chicago IMSI\*, SED\*, SCE\*, DSE Lausanne\*, Princeton Finance\*, Princeton IO\*, UC Berkeley\*, USC Marshall.

## Selected Honors and Awards

- Princeton University Graduate Fellowship 2024 – 2029
- Bendheim Center for Finance Travel Grant for DSE 2023 2023
- Chinese Economy Research Scholarship 2021

- Benz Scholarship 2021
- Peking University First Prize Scholarship 2020
- Academic Excellent Award 2019
- Gold Medal in 19th Asian Physics Olympiad 2018
- Gold Medal in 34th Chinese Physics Olympiad (selected to **Chinese National Team**) 2017

## Teaching Experience

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<b>Teaching Assistant for Money, Macro and Finance (2nd year PhD)</b>	Princeton University
Instructor: Prof. Markus K. Brunnermeier.	Fall 2023
<b>Instructor for Continuous Time Macro-finance (1st year PhD)</b>	Princeton University
Organized by Prof. Markus K. Brunnermeier, <a href="#">online summer school</a> .	Summer 2023
<b>Teaching Assistant for Undergraduate Microeconomic Theory</b>	Peking University
Instructor: Prof. Xin Wang.	Fall 2021

## Additional Information

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- **Service:** Co-organizer (with Markus Brunnermeier) of Macro-finance reading group.
- **Programming:** Python, R, C/C++, Matlab,  $\LaTeX$ , Julia, Stata.
- **Languages:** Chinese (Native), English (Fluent).
- **Personal:** Chinese Citizen, F-1 Visa.

*Last Updated: August 4, 2024*