Guozhen (Gordon) Ji - CV

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		Email	gordonjgz 'at' gmail.com
Date of Birth	October 15^{th}, 1995	**Website**	`https://about.gordonji.phd`

Education

2020-2026(exp.) PhD, Economics, University of Texas at Austin
Field courses - Empirical Industrial Organization, Econometrics
Research Interests - *Industrial Organization, Market Design, Urban Economics, Transportation Economics*

2014-2018 BS w/ General Honors, Statistics and Economics, University of Chicago

References

Eugenio Miravete	University of Texas at Austin, eugenio@utexas.edu
Robert Town	University of Texas at Austin, robert.town@austin.utexas.edu
Jackson Dorsey	University of Texas at Austin, jackson.dorsey@austin.utexas.edu
Andrey Ordin	University of Texas at Austin, andrey.ordin@mccombs.utexas.edu
Alon Bergman	University of Pennsylvania, Wharton School of Business, alonberg@wharton.upenn.edu

Honors and Scholarships

2022 Outstanding 2nd Year Paper Award, University of Texas at Austin
2020-Present Graduate Fellowship, University of Texas at Austin

Research

Working Papers

Autumn 2025 "Rain or Shine? Optimal Utility Pricing under Extreme Weather" (Job Market Paper)

- Designed and executed a study on the welfare and distributional impacts of nonlinear pricing regulations under volatile, weather-driven demand.
- Developed a structural demand model integrating household utility data with satellite-derived GIS vegetation data.
- Quantified that extreme weather imposes a disproportionate welfare loss on low-income households, averaging over $60 per month, highlighting the need for complementary policies beyond pricing.

Fall 2022 "Spatial Heterogeneous Consumers: The Welfare Effect of UberPool"
Outstanding 2nd Year Paper Award

- Quantified the consumer surplus impact of UberPool as a new product introduction, accounting for heterogeneous consumer preferences across geographic locations.
- Demonstrated that the introduction of a shared-ride option increased consumer surplus by over 30%, highlighting the significant value of product variety in a real-world sharing economy marketplace.

Work in Progress

Spring 2024 "Constrained Price Discrimination on Value of Time"

- Developed a structural model to analyze dynamic pricing mechanisms on tolled roads, a form of price discrimination on the value of time.
- Conducted a counterfactual analysis to explore the welfare effects of different policies on toll design and infrastructure investments.

Teaching Experience

Assistant Instructor

Fall 2024	ECO 329, Economic Statistics, with a rating of 3.9
Summer 2024	ECO 329, Economic Statistics, with a rating of 4.0
Fall 2023	ECO 329, Economic Statistics, with a rating of 3.9
Summer 2023	ECO 329, Economic Statistics, with a rating of 4.0

Teaching Assistant

Fall 2025	ECO 101S, Economics to Career, Hong Tran Escobar
Spring 2025	ECO 441K, Introduction to Econometrics, Brendan Kline, Helen Schneider, with a rating of 4.3
Spring 2024	ECO 320L, Macroeconomic Theory, Andreas Mueller, with a rating of 4.4
Spring 2023	ECO 441K, Introduction to Econometrics, Brendan Kline, Helen Schneider
Fall 2022	ECO 441K, Introduction to Econometrics, Daniel Ackerberg, Haiqing Xu
Fall 2022	ECO 354M, Experimental Economics, Charity-Joy Acchiardo, with a rating of 4.5
Summer 2022	ECO 304L, Introduction to Macroeconomics, Charity-Joy Acchiardo
Spring 2022	ECO 330T, Experimental Economics, Charity-Joy Acchiardo, with a rating of 4.0
Fall 2021	ECO 330T, Experimental Economics, Charity-Joy Acchiardo, with a rating of 4.7

Mentorship

Undergraduate Research Mentor

Fall 2022 - Present Priyansh Dhandha, University of Texas at Austin

Professional Experience

Summer Associate, The Brattle Group **Summer 2025**
Washington, DC

- Contributed to the liability phase of a litigation case to quantify the impact of a health insurer's alleged monopsony power against a hospital system.
- Crafted compelling, data-driven arguments by creating a sophisticated econometric model for the "but-for" scenario, directly contributing to final damage calculations.
- Translated complex model outputs into a clear, data-driven narrative for the final liability report, effectively serving as a data storyteller for legal and business stakeholders.
- Managed 5 project work streams from raw data processing, statistical analysis, and short-term deliverables, directly leading 2 research analysts on individual streams to produce key GIS visualizations and econometric evidence for the case.

Research Assistantship

Senior Research Associate (for Stephen Redding & Oleg Itskhoki) - Full Time
2018 - 2020 Princeton University

Research Assistant (for Richard Hornbeck) - Part Time
2017 - 2018 University of Chicago, Booth School of Business

Skills

- **Technical Skills**

  Econometric & Statistical Modeling
  Causal Inference, Discrete Choice Models (Logit, BLP), Nonlinear Budget Constraints, Welfare Analysis

  Data Analysis & Programming
  Languages: Python, R, Stata, MATLAB, SQL
  Libraries: Scikit-learn, Panda, NumPy, SciPy, Jax.Jit, dplyr, Tidyverse, ggplot2

  Data Engineering & Tools
  Databases: PostgreSQL, Relational Data Operations (Joins, Aggregations), ETL Processes
  Developer Tools: Git, Jupyter Notebook, VS Code
  Geospatial: ArcGIS (Arcpy), Google Earth Engine (geemap)

- **Language Skills**

  English, Full professional proficiency
  Mandarin, Native or bilingual proficiency