

JASON CHEN

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location: New York, NY

EDUCATION

Columbia University	2020-2026 (<i>anticipated</i>)
PhD , Business Economics	Fields: Industrial Organization, Labor Economics, Business Economics
MPhil , Economics	2024
MA , Economics	2022
University of California, Berkeley	2016-2020
BA , Computer Science and Economics	GPA: 3.92
Relevant Coursework: Econometrics, Machine Learning, Signals and Systems, Databases, Probability Theory, Statistical Computing, Financial Economics, International Macroeconomics	

PAPERS

Doctor Quality from the Physician Training Pipeline	2025
• I merge administrative health insurance claims data with doctor profiles. I estimate individual doctor performance using patient outcomes and analyze the educational and demographic determinants of doctor performance.	
Congestion and Demand for College Majors	2023
• I build a model for student demand for college major which takes into account spillover effects of major oversubscription. I estimate the demand model in a large university system using variation in transfer student majors.	
Demand for Quality in For-Profit Education	2022

WORK EXPERIENCE

Research assistant for Prof. Cristobal Otero	2024
• Used a variety of NLP and ML methods to process raw hospital procurement order text into categorical variables for regression analysis	
Research assistant for Prof. Chris Moser	2022
• Decomposed US Census matched employer-employee data into high and low productivity/pay workers and firms with a movers design and fit the estimated fixed effects to a macroeconomic model of the firm life cycle	
Research assistant for Profs. Patrick Kline and Chris Walters	2019-2020
• Automated monitoring of job boards and the job application process for the purpose of running a large-scale resume experiment	
Research assistant for Prof. Stefano Dellavigna	2018-2020
• Used k-means clustering to detect geographic pricing in supermarket retail price data	
• Examined the determinants of geographic pricing behavior with data visualization and regression analysis	

TEACHING EXPERIENCE

TA for Intro to Economics	Summer 2024
TA for MA Econometrics 1	Fall 2023
TA for MA Microeconomics 2 (Game Theory)	Spring 2023

TECHNICAL STRENGTHS

Programming	Python, R, Julia, SQL, Java
Software	Stata, scrapy, Selenium

AWARDS

Dissertation Fellowship, Columbia University	2025-2026
Dean's Fellowship, Columbia University	2020-2025
Phi Beta Kappa	2020