

Ethan K. Sun

ethan.k.sun.26@dartmouth.edu | [GitHub](#)

Education

Dartmouth College

Bachelor of Arts - Economics Major Candidate on Honors Track

Hanover, NH

September 2022 - Present

- GPA: 3.76 / 4.00
- SAT: 1580 (Math: 800, Reading/Writing: 780); SAT Subject Test Math Level II: 800
- Brother of Psi Epsilon Chapter of Zeta Psi

Experience

Incoming Research Assistant

Federal Reserve Bank of Chicago

Chicago, IL

Start: July 2026

- Will provide support to the staff economists on the Financial Economics Team in the Research, Policy & Public Engagement Department at the Federal Reserve Bank of Chicago
- Expected to complete tasks that include data collection and cleaning, statistical and economic analysis, figure creation, code writing, and results reporting

Economics Teaching Assistant

Faculty - Maura Doyle, Diego Ramos-Toro

Hanover, NH

Fall 2024, Spring 2025, Fall 2025

- ECON 01 (The Price System: Analysis, Problems, and Policies) - Graded problem sets, exams, and held weekly office hours for a class of 90 students to ask questions about the course material
- ECON 21 (Microeconomics) - Held three hours of weekly office hours for a class of 60 students to ask questions about the course material

President of Dartmouth Economic Research Scholars

Department of Economics at Dartmouth College

Hanover, NH

April 2025 - Present

- Serve as a liaison between DERS students, faculty, and alumni. Organize and facilitate meetings, coordinate events, and secure funding for panels, colloquiums, workshops, and distinguished guest lectures to promote undergraduate economic research and connect students with professors and industry professionals

Economics Research Assistant

Principal Investigator - Erzo F.P. Luttmer

Hanover, NH

September 2024 - March 2025

- Awarded Dartmouth Economic Research Scholar and James O. Freedman Presidential Scholar with \$3,200 grant for this role. Worked on The Dartmouth Professor in Economics Erzo F.P. Luttmer's team to value human lives based on respondents' choice between vignettes of life stories where life-time income and age of death are randomized
- Created literature reviews, tested survey data to ensure randomizations were implemented correctly and that respondent responses were coded accurately, produced high-quality exhibits based on data analyzed by Professor Luttmer or other senior members of the research team, and helped proofread, edit, and format the paper

Publications & Presentations

- Sun, Ethan. "Long-Term Effects of the ACA Medicaid Expansions." Available at SSRN 5197610 (March 15th, 2025). [[pdf](#)]
- Sun, Alan, **Ethan Sun**, and Warren Shepard. "Algorithmic Phase Transitions in Large Language Models: A Mechanistic Case Study of Arithmetic." Paper presented at ATTRIB @ NeurIPS 2024 workshop, Vancouver, BC, Canada (December 14th, 2024). [[pdf](#)]

Skills

- Python, Stata, LaTeX, Slurm, Excel, Word