

Ethan K. Sun

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Education

Dartmouth College

Bachelor of Arts - Economics Major Candidate on Honors Track

Hanover, NH

September 2022 - Present

- GPA: 3.72 / 4.00
- Brother of Psi Epsilon Chapter of Zeta Psi

Tacoma Community College

Associate of Arts - Mathematics Specialization with High Honors

Tacoma, WA

September 2020 - June 2022

- GPA: 3.98 / 4.00
- SAT: 1580 (Math: 800, Reading: 780). SAT Subject Test Math Level II: 800
- President of Phi Theta Kappa International Honors Society
- Running Start dual-enrollment program. Earned Associate of Arts degree in mathematics during high school

Experience

Incoming Private Equity Analyst Intern

Nexus Point

Hong Kong SAR, China

Summer 2025

- Expected to report directly to associate and vice president and assist a small team with finding companies within a given sector that show growth potential, creating forecasting models to project cash flow, and present my findings for senior members to analyze

Associate Editor for the Dartmouth Law Journal

Dartmouth College

Hanover, NH

April 2025 - Present

- Review manuscripts submitted to the Dartmouth Law Journal and edit to ensure proper citation in accordance with the Bluebook

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 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 (March 15, 2025). Available at SSRN: <https://ssrn.com/abstract=5197610> or <http://dx.doi.org/10.2139/ssrn.5197610>. [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]

Honors & Awards

James O. Freedman Presidential Scholar

Dartmouth College Undergraduate Advising and Research

Hanover, NH

May 2024

- Prestigious, GPA-based two-term undergraduate research program with \$3,200 grant

Dartmouth Economic Research Scholar

Dartmouth College Department of Economics

Hanover, NH

March 2024

- Competitive program designed to support Presidential Scholars who are majoring in economics and provides additional mentoring and support to students with strong potential in economics research

TuckLAB Entrepreneurship Certificate Program Challenge Winner

Tuck School of Business

Hanover, NH

March 2024

- Created the Porta-Scope, a bluetooth stethoscope designed for telehealth appointments, and led a team of 5 through ideation, minimal viable product creation, marketing, and funding pitch challenges to win \$200 for winning challenges

William H. Neukom 1964 Scholar

The Neukom Institute for Computational Science

Hanover, NH

August 2023

- Selective program that provides a \$1,600 grant to enrolled undergraduates engaged in faculty-advised research in the development of novel computational techniques as well as the application of computational methods to problems in the Sciences, Social Sciences, Humanities, and the Arts

Undergraduate Research Assistantships at Dartmouth Scholar

Dartmouth College Undergraduate Advising and Research

Hanover, NH

March 2023

- Competitive program that provides a \$1,600 grant intended to introduce students to research with priority given to sophomores and juniors (received award as a freshman)

Citations for Meritorious Performance

Dartmouth College

Hanover, NH

Spring 2023, Summer 2024

- Probability, Research Associate Linh Huynh
- Introduction to Programming and Computation, Albert Bradley 1915 Third Century Professor in Computer Science Andrew Campbell
- Italian Briefs, Dartmouth Faculty Michael Wyatt

Certifications

TuckLAB Entrepreneurship Certificate Program

Tuck School of Business

Hanover, NH

March 2024

- Completed TuckLAB: Entrepreneurship program and developed business skills needed to take ideas to market. Project Lead and Founder of the Porta-Scope: a bluetooth stethoscope designed to improve the standard of care of telehealth visits
- Created value proposition, product development, marketing, financial, and elevator pitch decks and presented to panels of entrepreneurs, venture capitalists, and alumni judges. Placed first in the product development challenge and second in the financial challenge

Edx Verified Certificate for PreMBA Essentials for Professionals

Imperial College Business School Online

London, United Kingdom

June 2023

- Completed four online courses in finance, accounting, data analysis, and maths
- Credential ID: 32aff828f1c248ebba5baede409a9870

Skills

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