

ETHAN HARTLEY

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<https://ethanhartley22.github.io/>

Education

University of Hawai'i at Mānoa, Ph.D. Economics 2021 - 2026 (*Expected*)
University of Hawai'i at Mānoa, M.A. Economics 2023
Utah State University, B.S. Economics and Finance 2021

Fields

Primary: Energy Economics, Environmental and Resource Economics

Secondary: Econometrics, Machine Learning

Research Experience

Research Fellow: Hawai'i State Energy Office 2023
Research Assistant for Dr. Michael Roberts, University of Hawai'i 2023
Research Assistant for Dr. Nori Tarui, University of Hawai'i 2023
Research Fellow: Hawai'i Data Science Institute 2022 - 2023
Research Assistant for Dr. Arthur Caplan, Utah State University 2020 - 2021
Research Assistant for Dr. Tyler Brough, Utah State University 2020 - 2021

Professional Experience

Vice President, Utah State University Data Science Club 2020 - 2021
Cost Engineering Intern, Ames Construction 2020 - 2021
Impact Evaluation and Data Analysis Consultant, USU Student Nutrition Access Center 2019 - 2020

Teaching Experience

TA for Principles of Microeconomics	<i>Fall 2021</i>	TA for Corporate Finance	<i>Spring 2020</i>
TA for Principles of Macroeconomics	<i>Fall 2021</i>	TA for Financial Markets and Institutions	<i>Spring 2021</i>
TA for Introduction to Statistics	<i>2019 - 2020</i>		

Publications

Hartley, Ethan, and Arthur J. Caplan. "Measuring the Social Net Benefits of COVID-19 Restrictions: The Case of Reduced Vehicle Use in a Pollution-Prone Region of Utah." *Journal of Environmental Protection* 12.11 (2021): 887-902. doi: [10.4236/jep.2021.1211052](https://doi.org/10.4236/jep.2021.1211052).

Working Papers and Projects

Time-of-Use Electricity Pricing: Implications of Hawai'i's Pilot Program

Distributional Impacts of Dynamic Pricing Transitions for Residential Electricity Consumers

Powering Hawai'i Sustainably: University of Hawai'i Utility-Scale Solar Proposal

Awards, Scholarships, and Grants

Seiji Naya Outstanding First-Year Graduate Student Award 2022
Highest Commendation on Theory Qualifying Exams 2022
Caliendo-Lewis Research Scholarship 2020 - 2021

Skills

Python (Advanced)

R (Intermediate)

Julia (Intermediate)

SQL (Intermediate)

LaTeX (Advanced)

Mandarin Chinese (Proficient)

Linux

High Performance Computing

Pytorch and Tensorflow