ETHAN HARTLEY

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https://ethanhartley22.github.io//

Education

University of Hawaiʻi at Mānoa, Ph.D. Economics	*2021 - 2026 (Expected)*
University of Hawaiʻi 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: Hawaiʻi State Energy Office	*2023*
Research Assistant for Dr. Michael Roberts, University of Hawaiʻi	*2023*
Research Assistant for Dr. Nori Tarui, University of Hawaiʻi	*2023*
Research Fellow: Hawaiʻi 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	*Fall 2021*	TA for Corporate Finance	*Spring 2020*
TA for Principles of Macroeconomics	*Fall 2021*	TA for Financial Markets and Institutions	*Spring 2021*
TA for Introduction to Statistics	*2019 - 2020*		

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.

Working Papers and Projects

Time-of-Use Electricity Pricing: Implications of Hawaiʻi's Pilot Program
Distributional Impacts of Dynamic Pricing Transitions for Residential Electricity Consumers
Rethinking Economic Policy Uncertainty: An AI Based Approach
Powering Hawaiʻi Sustainably: University of Hawaiʻi 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)	SQL (Intermediate)	Linux
R (Intermediate)	LaTeX (Advanced)	High Performance Computing
Julia (Intermediate)	Mandarin Chinese (Proficient)	Pytorch and Tensorflow