

Keegan W. Harris

Curriculum Vitae – August 2021

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Link to [Google Scholar](#)

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EDUCATION

Carnegie Mellon University

Ph.D. Student in Machine Learning

Pittsburgh, PA

August 2020 - Present

I am fortunate to be advised by [Hoda Heidari](#) and [Steven Wu](#).

Research interests: algorithmic game theory, economics and computation, online learning

The Pennsylvania State University

Bachelor of Science - Computer Science (Mathematics minor); GPA: 4.00/4.00

State College, PA

June 2016 - May 2019

Bachelor of Science - Physics; GPA: 4.00/4.00

June 2016 - May 2019

WORKING PAPERS

1. **Keegan Harris**, Hoda Heidari, and Zhiwei Steven Wu. Stateful Strategic Regression.
<https://arxiv.org/abs/2106.03827>
2. **Keegan Harris**, Daniel Ngo, Logan Stapleton, Hoda Heidari, and Zhiwei Steven Wu. Strategic Instrumental Variable Regression: Recovering Causal Relationships From Strategic Responses.
<https://arxiv.org/abs/2107.05762>

TALKS

- “*Stateful Strategic Regression*”
 - Poster Presentation at ICML 2021 Workshop on Algorithmic Recourse (July 2021)
 - Poster Presentation at ICML 2021 Workshop on Socially Responsible Machine Learning (July 2021)
 - Poster Presentation at EC 2021 (July 2021)
 - Presentation at FORC 2021 (June 2021)
 - Presentation at CMU FEAT Reading Group (March 2021)
- “*Strategic Instrumental Variable Regression: Recovering Causal Relationships From Strategic Responses*”
 - Spotlight Presentation** at ICML 2021 Workshop on Algorithmic Recourse (July 2021)
 - Poster Presentation at ICML 2021 Workshop on Neglected Assumptions in Causal Inference (July 2021)
 - Poster Presentation at ICML 2021 Workshop on Socially Responsible Machine Learning (July 2021)

GRADUATE COURSEWORK

- Advanced Machine Learning: Theory and Methods (Spring 2021). Instructor: [Pradeep Ravikumar](#)
- Graduate Algorithms (Spring 2021). Instructor: [Anupam Gupta](#) and [Rashmi Vinayak](#)
- Advanced Introduction to Machine Learning (Fall 2020). Instructor: [Nihar Shah](#)
- Advanced Topics in Machine Learning and Game Theory (Fall 2020). Instructor: [Fei Fang](#)

ACADEMIC SERVICE

- Peer review: NeurIPS (2021), SODA (2022)
- Mentor, CMU [Graduate Application Support Program](#) (2020)