J. Hunter Priniski

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Personal Websites
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Education

PhD, Cognitive Psychology, 2025 (expected)
University of California, Los Angeles, CA
Advisors: Keith Holyoak and Hongjing Lu

BS, Mathematics, 2017, *summa cum laude*
Barrett, The Honors College
Arizona State University, Tempe, AZ
Thesis: Reddit Predicts Swings in the Stock Market

Publications

Priniski, J.H. & Holyoak, K. (2020). Crowdsourcing to Analyze Belief Systems Underlying Social Issues. Manuscript submitted for publication.

Priniski, J.H. & Horne, Z. (2019). Crowdsourcing effective educational interventions. In A.K. Goel, C. Seifert, & C. Freksa (Eds.), *Proceedings of the 41st Annual Conference of the Cognitive Science Society.* Austin, TX: Cognitive Science Society.

Priniski, J.H. & Horne, Z. (2018). Attitude Change on Reddit's Change My View. In T.T. Rogers, M. Rau, X. Zhu, & C. W. Kalish (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society* (pp. 2276-2281). Austin, TX: Cognitive Science Society.

Kwon, K.H., **Priniski, J.H.**, & Chanda, M. (2018). Disentangling User Samples: A Supervised Machine Learning Approach to Proxy-population Mismatch in Twitter Research. *Communication Methods and Measures*, *12*(2), 216-237.

Kwon, K.H., **Priniski, J. H.**, Sarkar, S., Shakarian, J. & Shakarian, P. (2017). Crisis and Collective Problem Solving in Dark Web: An Exploration of a Black Hat Forum. In A. Gruzd, J. Jacobson, & P. Mai (Eds.), *Proceedings of the 8th International Conference on Social Media & Society.* New York City, NY: Association for Computing Machinery.

Presentations

Priniski, J.H. (2020, April). *Misconceptions surrounding COVID-19 and a route to change them.* CogFog weekly meeting. Department of Psychology, UCLA.

Priniski, J.H. (2019, December). *Crowdsourcing effective educational interventions.* CogFog weekly meeting. Department of Psychology, UCLA.

Priniski, J.H. (2019, September). *Crowdsourcing effective educational interventions.* Cognitive Forum Data Blitz. Department of Psychology, UCLA.

Poster Presentations

Priniski, J.H. & Horne, Z. (2019, July). *Crowdsourcing effective educational interventions.* Poster session presented at the 41st Annual Conference of the Cognitive Science Society, Montreal, CA.

Priniski, J.H. & Horne, Z. (2019, February). *Crowdsourcing Attitude Change from Reddit's Change My View.* Poster session presented at the Society for Personality and Social Psychology Intervention Science Preconference, Portland, OR.

Priniski, J.H. & Horne, Z. (2018, July). *Attitude Change on Reddit's Change My View.* Poster session presented at the 40th Annual Conference of the Cognitive Science Society, Madison, WI.

Awards

Edwin W. Pauley Fellowship, UCLA, 2019 – 2020

Technical

Languages
Python, R, Java, MATLAB, HTML, CSS

Statistics
Applied Machine Learning, Naturalistic Data Analysis, Bayesian Data Analysis

Research Experience

Dr. Keith Holyoak and Dr. Patricia Cheng, 2019 – *present*
The Reasoning Lab, UCLA
Developing a crowdsourcing methodology that leverages Big Data to construct ecologically valid cognitive models of people's often complex belief systems surrounding social and scientific issues. These cognitive models will be used to facilitate the development of model-based educational interventions that can change people's misconceptions.

Dr. Zachary Horne, 2017 – 2019
Cognition, Computation, and Development Lab, ASU
Designed and executed Big Data and behavioral studies to study belief change in naturalistic and lab settings. As a research assistant in the CCD Lab, I developed Python scripts to mine online data, analyzed data in R, and prepared my findings for publication.

Dr. Hazel Kwon, 2016 – 2017
School of Journalism and Mass Communication, ASU
Developed an open-sourced machine learning protocol in Python that reduces sampling error in data sets mined from online sources like Twitter, Reddit, and Facebook. I also helped prepare this work for journal publication.

Dr. Haiyan Wang, 2015 – 2017
School of Statistical and Mathematical Sciences, ASU
Developed a network model in Python that uses daily commuter data gathered from the U.S. Census to predict flu outbreaks in the United States using partial differential equation modeling.

Work Experience

Data Science Intern, 2016 – 2017
Office of the Director, Arizona Department of Environmental Quality, Phoenix, AZ
I helped ADEQ transition into a data-driven organization by working on projects that reinvented how the organization stored and leveraged their data.

Teaching Experience

Teacher's Assistant, UCLA
Introduction to Psychology, Fall 2019

Teacher's Assistant, Barrett, The Honors College, ASU
The Human Event, 2014 – 2015