

RYAN THEISEN

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EDUCATION

University of California, Berkeley, Berkeley, CA
Ph.D. in Statistics, 2018-Present.

Arizona State University, Tempe, AZ

M.A. in Mathematics, 2017-2018. Thesis: Coverage Results for Two Models of Interaction, Advised by Sebastien Motsch

B.S. in Mathematics and Economics, 2013-2017. Phi Beta Kappa, Summa Cum Laude, Outstanding Graduate in both Mathematics and Economics

EXPERIENCE

Deep Learning Research Intern, Salesforce Research, Palo Alto
Summer 2019, Summer 2020

Graduate Student Researcher, University of California, Berkeley
Fall 2018-Present

Machine Learning Team Lead, Luminosity Lab, Arizona State University
Fall 2016-Spring 2018

Senior Data Analyst, Amazon.com, Seattle/Phoenix
Summer 2016-Fall 2017

PAPERS

Cao F., Motsch, S., Reamy, A., **Theisen, R.** *Asymptotic Flocking for the Three-Zone Model*. Mathematical Biosciences and Engineering (2020).

Theisen, R., Klusowski, J., Mahoney, M. *Good linear classifiers are abundant in the interpolating regime.* (2020).

Theisen, R., Klusowski, J., Wang, H., Keskar, N., Xiong, C., Socher, R. *Global Capacity Measures for Deep ReLU Networks via Path Sampling.* (2019).

Weber, D., **Theisen, R.**, Motsch, S. *Deterministic Versus Stochastic Consensus Dynamics on Graphs.* Journal of Statistical Physics (2019).

TEACHING

University of California, Berkeley

Graduate Student Instructor, Stat 157: Deep Learning

Graduate Student Instructor, Stat 154: Modern Statistical Prediction and Machine Learning

Graduate Student Instructor, Stat 89A: Linear Algebra for Data Science

Arizona State University

Teaching Assistant, ECN 312: Intermediate Microeconomics

Teaching Assistant, ECN 212: Principles of Microeconomics

SERVICE

Volunteer, Kino Border Initiative, Nogales, Mexico
2012-Present

AWARDS AND HONORS

Dean's Medal, Mathematics, ASU, 2017 Awarded as outstanding graduating senior in School of Mathematical and Statistical Sciences.

Dean's Medal, Economics, ASU, 2017 Awarded as outstanding graduating senior in Department of Economics.

Moeur Award, ASU, 2017 Granted University-wide academic distinction at graduation.

J.P. Morgan Chase Scholar, ASU, 2016 Awarded prestigious fellowship for top economics undergraduates.

Fulbright Summer Scholarship, University of Bristol, UK, 2014 UK Summer Institute for Young American Student Leaders.

SKILLS AND
INTERESTS

Programming: Python, R, Julia, SQL, L^AT_EX.
Languages: English, Spanish (elementary proficiency).
Research Interests: Theoretical Machine Learning, Deep Learning, Statistics, Optimization.
Personal Interests: Photography, Green Bay Packers, Arsenal FC, Rock Climbing, Hiking.