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: Covergence 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	**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). Motsch, S., Reamy, A., **Theisen, R**. *Asymptotic Flocking for the Three-Zone Model.* Presented at Joint Mathematics Meetings (2016).
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, LaTeX.
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.