

Zachary M. Jones, Ph.D.

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Summary

- a data scientist with a strong background in social science, machine learning, statistics and software development
- high-quality reusable software development experience for machine learning/data pipelines with Python and R for research and industry applications
- experience presenting technical and non-technical material to students, academics, and government/industry professionals

Experience

- Research Scientist, Core Data Science, *Facebook* (2021–)
- Senior Analyst, Client Services, Institute for Health Metrics and Evaluation, *University of Washington* (2019-2021)
- Moore/Sloan Data Science Postdoctoral Fellowship, eScience Institute, *University of Washington* (2017-2019).
- Google Summer of Code Fellowship, [mlr: Machine Learning in R](#) (2015)
- Graduate Research/Teaching, *Pennsylvania State University*, 2014-2017
- Graduate Research/Teaching, *University of Georgia* (2011-2013)

Education

- Ph.D. Political Science (statistical and computational methods), *Pennsylvania State University* (2017).
- M.A. Political Science, *University of Georgia* (2013).
- B.A. Political Science and Philosophy, *Georgia Southern University* (2010).

Publications

1. [mmpf: Monte-Carlo Methods for Prediction Functions](#), *The R Journal* (2018).
2. [Is There More Violence in the Middle?](#), *American Journal of Political Science* (2018)
3. [edarf: Exploratory Data Analysis using Random Forests](#), *Journal of Open Source Software* (2016)
4. [mlr: Machine Learning in R](#), *Journal of Machine Learning Research* (2016)
5. [Enhancing Validity in Observational Settings When Replication is Not Possible](#), *Political Science Research and Methods* (2016)
6. [Human Rights Texts: Converting Human Rights Primary Source Documents into Data](#), *PLoS One* (2015) Crabtree, Megan Biek, Ana-Sophia Ross, Taranamol Kaur, and Michael Tsai).
7. [An Empirical Evaluation of Explanations for State Repression](#), *American Political Science Review* (2014)