

STEVEN RASHIN, PhD

(203) 912-1474 • srashin@gmail.com • [linkedin.com/in/steven-rashin](https://www.linkedin.com/in/steven-rashin) • Austin, TX

Computational Social Scientist/Data Scientist

Success combining data science tools with social science research to measure and model behavior

Detail-oriented researcher and published scientist possessing diverse skill-set. PhD in Political Science with over 10 years of research, three years of team leadership, and five years teaching quantitative methods. Expertise includes natural language processing, managing large data projects, and causal inference. Adept at technical and non-technical writing and communicating complex topics to experts and non-experts. Skilled in comprehensive research design-from ideation to implementation, publication, and dissemination. Published author in top-ranked peer-reviewed journals. Contributor to open-source software tools. GitHub: github.com/sdr1. Website: <http://stevenrashin.com>

CORE COMPETENCIES

Data Science & Analytics | Quantitative & Qualitative Research | Research Design | Program & Project Management | Natural Language Processing (NLP) | Machine Learning (ML) | Computational Methods | Data Visualization | Statistical Analysis | Team Leadership | Academic Research | Coding | Coaching & Mentoring | Webscraping

CAREER HIGHLIGHTS

Lecturer

09/2023 — 01/2024

Department of Statistics and Data Science, University of Texas, Austin

Austin, TX

Teaching 250 students in classes in statistics and data science for the Department of Statistics and Data Science.

- Data science class covers machine learning models such as random forest, K-nearest neighbors, XGBoost, regression, general linear models, shiny, and causal inference in R.
- Statistics class covers general linear models, regression, hypothesis testing, probability, and programming in R
- Managed a team of seven course assistants

Post-doctoral Fellow

10/2020 — 08/2023

McCombs School of Business, University of Texas, Austin

Austin, TX

Employ multidisciplinary and mixed methods approach to study influence over financial market policy. Publish peer-reviewed research. Developed tools to aid webscraping.

- Managed a team of up to ten researchers to collect and analyze data on who influences financial market policy
- Research cited by White House on guidance to increase citizen participation in federal policymaking
- Wrote code in R and Python deploying NLP and ML methods to analyze data
- Developed tools to automate data collection from federal websites
- Taught graduate students how to use R
- Developed and co-taught an undergraduate class on politics, philosophy, and economics
- Advised students on research projects and authored multiple letters of recommendation

Visiting Scholar

9/2019 — 10/2020

Harvard University

Cambridge, MA

Managed a project on influence over Dodd-Frank rulemaking

- Project coordinator on a long-term effort to understand the effect of inequality on the implementation of Dodd-Frank
- Project involved using R, Python, and Shiny to collect and integrate data from various sources
- Published a paper on how to use administrative data to measure bureaucratic behavior

Instructor/Teaching Assistant/Research Assistant

9/2014 — 5/2020

New York University

New York, NY

Taught courses in Quantitative Methodology and American Politics (undergraduate), and was the instructor of record for a seminar on the American presidency (undergraduate)

- Developed material in R, Python, and STATA to teach students the intuition behind statistical concepts and teach coding
- Used automated data collection tools to increase the speed of scraping of online data
- Qualitative research on 19th century tax policies in the United States
- Authored multiple letters of recommendation for students from the American Politics class

Research Assistant

9/2012 — 5/2013

Harvard University

Cambridge, MA

- Statistical consultant for a project on schools partnering with outside organizations

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Computational Social Scientist/Data Scientist

Paralegal Specialist

Tax Division, Department of Justice

6/2009 — 6/2011

Washington, DC

Conducted legal research for large (\$10 million+) tax-shelter cases in Colorado and California.

- Wrote drafts of motions for attorneys on various cases

EDUCATION

PhD in Political Science, *New York University*

September 2019

Masters in Political Science, *Columbia University*

May 2012

Bachelor of Arts in Political Science (with distinction) *Carleton College*

June 2009

Publications and Technical Skills

Programming Languages: R (default), Python, SQL

Applications: Github, R Markdown, \LaTeX

- “Stakeholder Participation in Policymaking: Evidence from Medicare Fee Schedule Revisions” (Joint with Sanford Gordon.) 2021. *The Journal of Politics* 83(1): 409-414
- “Interest Groups in Bureaucratic Politics: Data, Methods, and Issues” (Joint with Dan Carpenter, Devin Judge-Lord, and Brian Libgober.) 2020. *Interest Groups & Advocacy* 9: 425-435
- “What Public Comments During Rulemaking Do (and Why)”. Accepted at *American Politics Research* (Joint with Brian Libgober)

Select Working Papers

- “Private Influence on the Regulatory Process: Evidence From Comments on SEC Rules”
- “Intra-Party Coordination and the Financial Advantages of Incumbent Legislators” (Joint with Sanford Gordon and Dimitri Landa)

Select Invited Presentations

American Political Science Association

2018-2022

University of Texas-Austin, McCombs School of Business

2020

Industry Influence in Financial Regulation

2017

Conference on Dodd-Frank Regulations

2016

AWARDS

APSA’s Herbert Kaufman Award for best paper

2021

Dean’s Dissertation Fellowship

2018 - 2019

MacCracken Fellowship at New York University

2013 - 2018

Bradley Fellow

Summer 2016 - Summer 2019

OTHER

Interests include tennis, golf, cooking, and Spanish (currently intermediate)