

DAVID NIELD

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EDUCATION

University of California, Berkeley Berkeley, CA

M.A., Political Science

Thesis: Measuring inter-donor influence in FEC data (1979-2014)

The Ohio State University Columbus, OH

B.S., Political Science; Minor in Statistics

Thesis: The Misperceiving Voter

SKILLS

Languages and Tools - R, SQL, Git, Bash, Qualtrics

Technical Skills - Experimental design, observational causal inference, time series forecasting, supervised machine learning

Business Skills - Public speaking, writing and presenting to non-technical business audiences, breaking down open-ended business problems into concrete next steps and solutions

EXPERIENCE

Callisto Media, Inc. July 2019-May 2023

Data Scientist Oakland, CA

- Developed A/B tests and Bayesian optimization algorithms for online advertising
- Built time series forecasting models for inventory planning and demand forecasting
- Used word embeddings to cluster customer search terms into topics useful for identifying new product opportunities
- Interim Data Science Manager for 5 person data science team during manager's parental leave and sabbatical
- Company acquired by Penguin Random House in May 2023

Stanford University Mar 2019-Jun 2019

Research Assistant Stanford, CA

- Analyzed time-series survey data for Dr. Hakeem Jefferson for his project *The Curious Case of Black Conservatives: Assessing the Validity of the Liberal-Conservative Scale among Black Americans*, published in *Public Opinion Quarterly* in 2023 and cited 22 times as of 05/24/2023

University of California, Berkeley Aug 2018-May 2019

Graduate Student Instructor Berkeley, CA

- Courses taught: Crime and Democracy (56 students); Political Psychology and Involvement (53 students)
- Created and presented weekly lectures, taught the interpretation of statistical tables from assigned scientific article readings to students with little or no statistical training

FiveThirtyEight Jun 2016-Aug 2016

Politics Intern New York, NY

- Wrote and produced data visualizations for three articles covering the 2016 election for a large popular audience (over 10 million unique monthly visitors during 2016)
- Analyzed data for three major journalistic projects spanned survey data, CDC data, and Twitter data

PERSONAL PROJECTS

Measuring inter-donor influence in FEC data (1979-2014)

- Using a dataset spanning over thirty years and over 130 million political contributions, I analyzed the influence of large donor and PAC contributions on the contribution behavior of small individual donors

The Misperceiving Voter

- Designed, conducted, and analyzed an original survey on an online sample measuring American's belief in types of political misinformation and the relationship between belief in misinformation, political tolerance, and political participation

"Small world" dynamics in focused networks

- Using 10,000s of simulated networks, I studied how different forms of social organization contribute to the "small world" phenomenon (aka "six degrees of separation")