

David Azizi

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Education

University of Pennsylvania, College of Arts and Sciences
Bachelor of Arts in Political Science
Minor: Survey Research & Data Analytics
Relevant Coursework: Causal Inference; Probability; Business Stat.; Stat. Methods for Poli. Science; Political Polling

Philadelphia, PA
Aug 2014 - May 2020

Temple University, Fox School of Business
Visiting Scholar
Relevant Coursework: Quant. Found. for Data Science; Intro. to Python; Linear Algebra; Management Info. Systems

Philadelphia, PA
May 2017 - Dec 2017

Data Science & Analysis

The Context

Remote

Data Scientist

Dec 2020 - Present

- Led initiative to link causal and descriptive data and to collect and process commonly accessed datasets

Research Assistant

Jun 2019 - Sep 2019

- Developed AWS-hosted data pipeline for interactive dashboard exploring different measures of polarization

Change Research

Remote

Junior Survey Data Analyst

Aug 2020 - Nov 2020

- Developed and drafted surveys in communication with clients; programmed drafts into survey platform
- Conducted survey recruitment online with social media ads and texting campaigns; managed fielding targets
- Weighted survey responses, generated crosstabs, and analyzed results to write summary & strategy memos

Research Lab of Professor Daniel J. Hopkins, University of Pennsylvania

Philadelphia, PA

Research Coordinator

Sep 2019 - Aug 2020

- Performed textual analysis on large corpus of state & national party platforms to analyze political polarization
- Developed pipeline to conduct and process statewide exit poll with collegiate consortium
- Constructed instruments for panel surveys and experiments; analyze resulting data
- Conducted statical analyses, write up results, and contribute to academic papers and FiveThirtyEight articles
- Coordinated code, data, and assignments for a team of undergraduate research assistants

Penn Program on Opinion Research and Election Studies

Philadelphia, PA

Fox Research and Service Fellow

May 2018 - May 2019

- Developed scripts to evaluate new weighting schemes for the National Election Pool exit poll with NBC Elections
- Evaluated campaign contact techniques with national organization and presented results via interactive maps
- Constructed multilayer perceptron neural net to better predict individual voting behavior with Census block data

Political Science Department, University of Pennsylvania

Philadelphia, PA

Undergraduate Research Assistant

Various

- Manipulated and joined large datasets across the US to investigate school district funding (Prof. Daniel Gillion)
- Analyzed messages sent to UN-backed government communications system in Uganda (Prof. Guy Grossman)

Leadership & Support

The American Academy of Political and Social Science

Philadelphia, PA

Intern

Jul 2017 - May 2018

- Customized and deployed instance of Salesforce.com CRM to manage campaign, contact, and event data
- Centralized email outreach and integrated with CRM platform; administered website & supported operations

DMAX Foundation

Bryn Mawr, PA

Intern

May 2016 - Jul 2016

- Directed other interns and worked with professional staff in transition to modernized website

College Houses & Academic Services, University of Pennsylvania

Philadelphia, PA

ITA Manager

Apr 2015 - Aug 2016

- Recruited, trained, and managed eight student IT staff members to support dormitory residents
- Provided direct technical support to house faculty and staff, including networking and A/V setup
- Separately supported faculty as a Helpdesk Technician in the Management Department of the Wharton School

Jim Kenney for Mayor

Philadelphia, PA

Organizing Fellow

Mar 2015 - Aug 2015

- Organized, recruited, and led volunteers in direct voter contact in West Philadelphia
- Piloted use of mobile app for paperless canvass lists; collaborated with local unions to increase contact

Tools Git, Metabase, Amazon Web Services, Qualtrics, SurveyMonkey, MTurk, LaTeX, Adobe CC, WordPress

Code Python, R, SQL, HTML, CSS, JavaScript

Languages French (conversational), Arabic (beginner)

Skills First Aid/CPR/AED; Car, Motorcycle, Boat Licenses **Interests** Electronics repair, Wikipedia, hiking