

# David Azizi

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## Education

**University of Pennsylvania**, College of Arts and Sciences  
Bachelor of Arts in Political Science

Philadelphia, PA  
May 2020

*Minor:* Survey Research & Data Analytics

*Relevant Coursework:* Causal Inference; Probability; Business Stat.; Stat. Methods for Poli. Science; Political Polling

**Temple University**, Fox School of Business

Philadelphia, PA

Visiting Student

May 2017 - Dec 2017

*Relevant Coursework:* Quant. Found. for Data Science; Intro. to Python; Linear Algebra; Management Info. Systems

## Data Science & Analysis

### 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

### The Context

Philadelphia, PA

*Research Assistant*

Jun 2019 - Sep 2019

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

**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 survey results from 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

**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
- 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

**Activities** Producer & Treasurer, Front Row & iNtuitions Theatre Cos.; Secretary, Bent Button Productions

**Programming** R, Python, SQL, HTML, CSS; working familiarity with JavaScript, Stata, and SPSS

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

**Interests** Proud dog parent; enjoy hiking, studying languages, reading Wikipedia, and repairing broken devices