David Azizi

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3815 Stokley St., Philadelphia, PA 19129

Education

University of Pennsylvania, College of Arts and Sciences · Philadelphia, PA
Bachelor of Arts in Political Science · Aug 2014 - 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 Scholar · May 2017 - Dec 2017
Relevant Coursework: Quant. Found. for Data Science; Intro. to Python; Linear Algebra; Management Info. Systems

Experience

The Context · Remote
Data Scientist & Associate Product Manager · Dec 2020 - Dec 2021
- Co-created online application; worked with small team to develop roadmap, timeline, specifications, and design
- Identified objectives & key results for data product and drafted product requirements document for engineering
- Led initiative to link causal and descriptive data across the internet and parse common datasets into warehouse

Research Assistant · Jun 2019 - Sep 2019
- Developed web-hosted data pipeline for interactive dashboard exploring different measures of polarization

Change Research · Remote
Junior Survey Data Analyst · Aug 2020 - Nov 2020
- Worked with a senior pollster to bring high-quality low-cost polling to over 40 campaigns in the 2020 elections
- Collaborated with stakeholders to develop, draft, program, and field internet-based surveys in short windows
- Clearly communicated complex information to decision makers through strategy memos summarizing results

Research Lab of Professor Daniel J. Hopkins, University of Pennsylvania · Philadelphia, PA
Research Coordinator · Sep 2019 - Aug 2020
- Co-authored significant NLP analysis of political party platforms defining and measuring political polarization by developing data processing and analysis pipeline for a large text corpus and visualizing results
- Enabled survey research for professors and students at six universities across Pennsylvania by managing statewide exit polling project, including coordinating timeline and process with project stakeholders
- Managed projects and tasks for a team of research assistant; contributed to academic and media articles

Penn Program on Opinion Research and Election Studies · Philadelphia, PA
Fox Research and Service Fellow · May 2018 - May 2019
- Designed weighting scheme used by the National Election Pool exit poll in all elections since 2016 by developing scripts to evaluate and assess alternatives based on historical and partial data
- Evaluated campaign contact techniques; constructed neural net to predict votes; developed interactive maps

Political Science Department, University of Pennsylvania · Philadelphia, PA
Undergraduate Research Assistant · Various
- Revealed discrepancies in school district funding by joining and analyzing large datasets (Prof. Daniel Gillion)
- Assessed performance of UN-backed government communications system in Uganda (Prof. Guy Grossman)

The American Academy of Political and Social Science · Philadelphia, PA
Intern · Jul 2017 - May 2018
- Solved problems with manual data entry by integrating contact and event data in a custom Salesforce instance
- Increased efficiency by integrating email outreach with CRM; administered website & supported operations

DMAX Foundation · Bryn Mawr, PA
Intern · May 2016 - Jul 2016
- Transitioned organization to modernized website by coordinating needs from staff and directing team members

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
- Increased turnout in West Philadelphia by recruiting and organizing volunteers in direct voter contact
- Piloted use of mobile app for paperless canvass lists; collaborated with local unions to increase outreach

Tools Git, Amazon Web Services, Metabase, 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** Right to repair, digital privacy, travel