ZACHERY ALBERT CROWELL

Washington, DC

Analytics Experience

Blue Rose Research, New York, NY   Mar 2022 – July 2023
Data Scientist
Developed, deployed, and maintained statistical models of political behavior and voter demographics with R, SQL, and Git.
Analyzed election results and researched analytic improvements to processing data to improve electoral prediction accuracy.
Built automated pipelines to streamline model validation and produce data quality reports for maintaining core data models.

Everybody Votes Campaign, Washington, DC   Jan. 2020 – Mar. 2022
Data Scientist
Conducted analysis for voter registration & turnout projects, funding decisions, and program tests and evaluations
Built, maintained, and validated predictive models to measure program effectiveness and enable targeted outreach.
Prepared data and supported program design for phone, text, & digital outreach including managing electoral experiments.

Catalist, Washington, DC   Aug. 2017 – Jan. 2020
Data Scientist
Built,validated, and maintained models of political behavior and voter demographics using GBM and regularized regression
Delivered analysis, visualization, maps, and quality control for projects on election results, early vote, and voter registration.
Researched analytic improvements to voter-file processes, such as record matching, house-holding, and model deployment.

Analyst Institute, Washington, DC   Nov. 2015 – June 2016
Political Data Analyst
Designed, block randomized, and analyzed the results of political field experiments using various econometric techniques.
Prepared outcome data, visualizations, and quality control for election results, survey responses, and membership lists.
Presented results of experiments at Analyst Group meetings.

Brennan Center for Justice, New York, NY   June 2014 – Aug. 2014
Economics and Statistics Research Assistant
Researched criminal justice policy and its interaction with labor markets and crime rates with economist Dr. Oliver Roeder.
Rendered data sets, calculations, and graphics in R and Excel for research reports, online articles, and internal research.

Political Experience

Ohio House of Representatives, Columbus, OH   Jan. 2013 – Feb. 2013
Legislative Intern
Reached Ohio election laws for new legislation, gained , and supported constituent services for State Rep. Dan Ramos.

Obama for America / Ohio Coordinated, Oberlin, OH   May 2012 – Nov. 2012
Associate Field Organizer
Organized efforts to increase voting and supported local events such as then Vice President Joseph Biden's visit to Lorain.

Education

Oberlin College, Oberlin, OH
B.A. in Economics with Mathematics concentration   May 2015

Skills & Projects

General Software: R, SQL (BigQuery, Postgres, Redshift, Vertica), Git, Python, Stata, Excel, and Bash.
Political Software: Catalist Tools, Civis Platform, TargetSmart VoterBase, and NGP-VAN VoteBuilder.
Data Projects: github.com/zachacrowell
Written Projects: *Comparing July Candidate Support in the 2020 Democratic Primary* (Data for Progress, Aug. 2019);
Catalist 2018 Post-Election Analysis Series: *AZ*, *ND*, *TX-32* (Catalist, Feb. 2019).