

Ryan Cawthon

(615) 519-9805

RyanCawthonTN@gmail.com

Tech Stack

Experienced: Python • T-SQL • Tableau • Microsoft Power BI • Microsoft SSAS & SSIS • Microsoft Azure • QGIS

Familiar: C • C# • Java • Javascript • HTML • CSS • R • Machine Learning • GNU/Linux (Gentoo) • Bash Shell Scripts

Experience

National Republican Senatorial Committee (NRSC)

Data and Polling Director

October 2021 – Present

- Worked with campaigns, vendors, and NRSC senior staff to implement a multi-million dollar survey research and predictive modeling budget. Provided our Chairman Senator Rick Scott, Executive Director, and Political Director with analysis.
- Collaborated in crafting a project roadmap for the NRSC's "Operation Vamos" program, a multi-million dollar Hispanic voter outreach program and built voter contact universes and weekly progress reports.
- In Python and Azure SQL, built a litany of web scraping scripts and ETLs for election night reporting, absentee and early vote reporting, tracking traditional and digital advertising data, tracking opposition web site changes, tracking candidate Google Trends, and alerting the team to newly available data ingested from partners and vendors.
- Built dashboards in Tableau Server/Desktop and automated distribution using TabCMD and Python.

Republican National Committee (RNC)

June 2019 – October 2021

Deputy Regional Analytics Director

March 2021 – October 2021

- Served as point of contact for state parties and campaigns in the South to build and deliver targeted voter contact universes, visual reports, and analysis using SQL, Tableau, and QGIS.
- Collected voter files from state Secretary of State offices and ingested them via SQL stored procedures.
- Built a web scraper and ETL in Python to harvest real estate data for comparison against the national voter file.

Business Intelligence Manager

March 2020 – March 2021

- Managed and trained a team of five analysts and developed C# scripts in SSIS to disseminate data sources programmatically to analysts to streamline workflows.
- Developed and designed the RNC's Absentee and Early Vote Dashboard, a seven-page PowerBI dashboard and SSAS tabular model tracking nationwide current and historical AB/EV requests and returns.
- Developed and designed the Trump Victory Finance Call Day PowerBI Dashboard displayed at six donor call days in D.C., Palm Beach, Doral, Houston, and Orange County raising over \$43.9 million.

Business Intelligence Analyst

June 2019 – March 2020

- Using SQL and Tableau, produced a suite of reports for stakeholders ranging from the President to state house candidates, visualizing key metrics and trends over time of predictive modeling, RNC proprietary data, and publicly available data.
- Developed and designed the RNC's Voter Contact Dashboard, a nine-page PowerBI dashboard and SSAS tabular model tracking nationwide voter contact attempts for Trump Victory and the RNC's joint efforts.

Marsha Blackburn for U.S. Senate Campaign

Press and Research Assistant

May – November 2018

- Placed earned media and op-eds with Tennessee press, obtained opposition research, drafted surrogate talking points, published multiple weekly newsletters, managed the letters to the editor program, and circulated news clips and alerts.

Education

The University of Tennessee at Chattanooga

Bachelor of Science in Political Science with a minor in Economics

May 2019