Eddy Harrity

2430 Fair Oaks Blvd, Sacramento, CA

760-662-1878

ejharrit@gmail.com

Career Objective

To be part of an innovative organization and work environment where my passion for community engagement, analytics, and leadership can thrive.

Qualifications & Projects

- Strong background in analytics, regression, statistical/machine learning, and data visualization.
- Expert in SQL, Excel and R programming language with basic knowledge of Python, Maptitude and Tableau.
- Proven ability to create new and engaging statistical reports and analyses that tell the underlying story.
- Vast knowledge of tidyverse, tidymodels and shiny for visualization, modeling and web app development in R.
- Knowledge of the data modeling pipeline from exploratory analysis, to system employment of predictive models.
- Dashboard that compares League of Legends player stats - https://leaguenexus.shinyapps.io/premium_app_fantasy/
- Dashboard to show competitiveness by California Districts - https://redistrictinginsights.shinyapps.io/Competitiveness/

Professional Experience

Redistricting Insights—*Data Scientist (2021-2021) Sacramento, CA*

Managed analytical reporting on new lines drawn by California Redistricting Commission and local commissions, measuring political competitiveness. Create interactive app for stakeholders to view competitiveness based previous election and registration data. Ran simulations to determine best and worst possible scenarios for given political parties. Used ecological inference to determine candidate preference.

- Built a system that could be fed a shapefile or block equivalency file and within minutes provide the census demography and political makeup of geographic polygons (usually political districts) in the shapefile.

California Republican Party—*Deputy Data Director (2020-2020) Sacramento, CA*

Helped manage day to day operations of the Data Department including analyzing and pulling audience universes and loading them into campaign accounts, and ad hoc reports as necessary. Was put in charge of managing modeled universes from our predictive modeling vendor. Conducted A/B testing for digital fundraising efforts.

- Built a new District Profile report with reproducible code reducing turnaround time on regularly need information from hours to immediate and presented data in visually informative graphs rather than numbers in tables.

Sunrise Data Services—*Data Operations Lead (2018-2019) Ashburn, VA*

Manage data process from start to finish for direct mail packages including pulling data, deduping and suppressing client requested names, appending tracking numbers and ensuring the highest quality of data is sent for the mail package.

NRCC—*Regional Data Analyst (2017-2018) Washington, DC*

Used SQL and GOP Data Center to create reports to guide campaign decisionmakers as they determine strategy for campaigns. Used basic commands in ArcGIS Pro to create maps which allowed for spatial analysis of political data. Worked survey team to develop surveys and interpret results for best strategies moving forward.

- Experimented with developing Machine Learning predictive model to predict donor behavior and optimize engagement and proactively track KPIs.

Kelly Ayotte for New Hampshire—*Data and Analytics Intern (2016) Manchester, NH*

Pulled and performed analysis on data from the campaign's door knocking program. Learned the basics of how to retrieve and manipulate data using SQL programming language. Kept data up to date and learned to write a memo for the campaign. Tracked survey incoming survey data.

Education

Bachelor of Arts in Economics and Political Science	Pepperdine University	2012
Master in Public Policy (Economics)	Pepperdine University	2017