

Ryan Brady

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PROFILE

Third year Statistics major with experience in programming and statistical analysis. In-depth knowledge of logistic regression, linear regression, time series analysis, probability theory, geo-spatial analysis, and statistical learning techniques. Interested in applying statistical methods to create data frames to find solutions to intricate problems.

EDUCATION

University of California Davis, CA

June 2018 (expected)

Studying: Statistics and Political Science

San Juan Hills High School, CA

June 2014

Statistics GPA: 3.3

AP Scholar with Distinction

AP Tests with Score of 5: Macroeconomics, U.S. Government, U.S. History

PROJECTS

Data Mining - Craigslist Car Listings

Dec. 2016

- Worked autonomously utilizing text string analysis to construct a CSV spreadsheet of relevant information about cars and their dealerships.
- CSV file further analyzed statistical data to form models assisting prediction of variables such as prices and vehicle models.
- Received an exceptional grade from the professor for robustness of the CSV and data analysis.

2016 Election Analysis

Dec. 2016

- Coordinated with a group to analyze poverty and education rates in the United States against voter patterns in the presidential election.
- Employed Selenium, a program which allows the user to drive a browser through R, to web scrape dynamic web pages.
- Created data frame to map United States counties, highlighting voter data in a multi-colored visual for future statistical analysis. (I have attached this project in additional documents.)

WORK EXPERIENCE

Research Assistant Political Science Department at University of California

Dec 2016 – Present

- Worked under Professor Bradford Jones to better understand the multicollinearity relationships between political ideologies.
- Tasked with creating a codebook for surveyed data

UC Davis Coffee House

Sept. 2016 – Nov. 2016

- Collaborated with cross-functional student teams for kitchen prep and cooking at largest student run kitchen on campus.
- Worked 15hrs/week in fast paced, high pressure kitchen environment.

LEADERSHIP

High School Class President

June 2011- June 2013

- Improved school environment for the student body through creation and organization of school events that led to record turnout.
- Formed a budget plan where each future senior class would designate funds for school infrastructure projects.

TECHNICAL EXPERIENCE

- R Programming Language
- Python (Beginner), Pandas
- Microsoft Office
- Web APIS