

MYRA HAIDER

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QUALIFICATIONS

Languages Python, Java, R, SQL, JavaScript

Tools Tableau, Git, JSON, regex, Jupyter, AWS, JUnit, HTML/CSS

Libraries numPy, pandas, scikit-learn, beautifulsoup4, matplotlib, seaborn

Concepts Linear Regression, KNN, K-means, A/B Testing, Cleaning, Imputation, Naive Bayes Classification, Hypothesis Testing, Object-Oriented Programming, Data Structures

Relevant Coursework Data Analysis and Inference, Linear Algebra, Statistical Methods, Data Structures, Intro to Database Management, Data Visualization, Managing Diverse Teams

PROJECTS

Determining the Primary Factor in Winning Basketball Games

A collaborative investigation of NCAA Historical Data. Utilized techniques such as hypothesis testing, decision trees, spatial autocorrelation. Produced geographical and word cloud visualizations.

Political Ads in Social Media

Conducted exploratory data analysis of Snapchat's Political Ads Library. Performed Hypothesis/Permutation testing to investigate advertising costs in the US vs other countries. Developed a machine learning pipeline to predict an advertisement's influence.

WORK EXPERIENCE

Sixth College Technology Committee – Director

MAY 2019 – PRESENT

Served as head of organization responsible for planning the largest collegiate esports convention in California. Managed a team of 20+, delegating tasks to smaller Marketing, Sponsorship, and Logistics teams. Designed pre/post budgets and event production schedules.

– Assistant Director of Sponsorship

May 2018 – JUNE 2019

Secured over \$40,000 in sponsored equipment and tournament prize from companies in tech/esports industries. Produced and distributed digital sponsorship decks to companies interested in partnering. Provided statistical analysis of attendee demographics for sponsors post-event using R and Excel.

Associated Students of UC San Diego – Sixth College Senator

MAY 2018 – JUNE 2019

Represented one of the six colleges on university-wide student government, serving upwards of 30,000 undergraduates. Facilitated initiatives, events, and resources that addressed issues within various aspects of student life. Responsible for overseeing the spending of 5.9 million dollars collected in student fees annually.

EDUCATION

University of California, San Diego– B.S. Data Science, Minor Cognitive Science

SEPTEMBER 2017 – JUNE 2021

3.3 GPA, Provost Honors Winter 2018, Sixth College Council Award of Leadership

INTERESTS

Member of the NASA Datanauts, long-distance runner, cat enthusiast.