Alexander James Hamilton

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EDUCATION

Bachelor of Statistics: Data Science   Dec. 2019

Brigham Young University, Provo, Utah

- Major GPA: 3.36
- Significant courses: Inference, Regression, Bayesian Statistics, Big Data Science, Calculus, Applied R & SAS Programming, Analysis of Variance, Data Structures

SKILLS

| R | Python | SAS | SQL/MySQL | Linux/Shell | C++ | Machine Learning |

| Data Mining/Data Management | Excel | Statistical Modeling | Speak Portuguese |

EXPERIENCE

Qualtrics: Suggestion Mining Capstone Project   Dec. 2018 – Apr. 2019
Student Project Associate   Provo, UT

- Created a python script to recognize and analyze suggestions from customer surveys.
- Collaborated with a team of students to assist Qualtrics' customer satisfaction.
- Extracted and cleaned large datasets, totaling over 500,000 observations.
- Researched machine learning methods and models to provide new insight for Qualtrics.

The Silicon Partners, Inc.   May 2019 – Sep. 2019
Data Specialist/Intern   Folsom, CA

- Conducted market research and collected useful data for this startup.
- Implemented marketing campaigns to help the team connect with clients.
- Developed a database of contacts and critical information and analysis for the company.

BYU Sports Statistics Research   Sep. 2018 – Apr. 2019
BYU Hockey Statistician   Provo, UT

- Collected and analyzed data for the BYU Men's Ice Hockey Team.
- Used my research to assist the team and coaching staff in finding solutions for improving team play, creating a metric to determine powerplay lineup efficiencies.

BYU Continuing Education   May 2017 – Dec. 2019
Registration Associate   Provo, UT

- Assisted customers over the phone with registrations for BYU programs and online classes and troubleshooting any technical difficulties.
- Created an R script to sort through large dataset of 1.8 million customer accounts and verify account validity for a data management project.