McKay Matthew Davis

440 S 4th W #63 Rexburg, Idaho 83440 • mckaymdavis@gmail.com • (480) 627-9544

Education

**Brigham Young University**

**At Rexburg, Idaho**

**B.S. Data Science**

December 2019 • Advanced GPA: 4.0

Focus in: Statistical analysis and data

visualization

Key Skills

**Programming**

Proficient:

R • C++ • Python • JavaScript

Experience:

R-Shiny • Bash • Latex

**General**

* Proficient in graphics to tell data’s story
* Willing and excited to learn
* Team builder

Coursework

**Undergraduate**

Data Wrangling and Visualization

Applied Linear Regression

Statistical Consulting

Intermediate Statistics

Experimental Design

Procedural Programming C++

Volunteerism

**Full-time Volunteer Missionary**

* Oversaw productivity of groups of 20+
* Taught hundreds to improve quality of life

**Eagle Scout**

* Learned leadership and team building techniques

Experience

**Statistics Teaching Assistant** | BYU Idaho Math Department

September 2016 – January 2017

* Learned teaching and organization methods
* Assisted in developing course content alongside professor
* Tutored struggling students in the use of R for statistics

**Intro - Advanced Statistics Tutor** | BYU Idaho Math Department

September 2016 – Current

* Taught others to understand statistical concepts
* Helped others build statistical models in R
* Taught others to create meaningful visualizations using R

**Quantitative Analyst** | BYU Idaho Statistical Consulting Group

January 2017 – April 2017

* Analyzed large business point of sales data
* Created R scripts to clean data
* Presented data in a uniform format to business faculty
* Built informative and complex visualizations in R

**Data Analyst/Project Lead** | BYU Idaho Data Science Society

September 2017 – Current

* Worked with physics department to analyze and deliver survey data
* Created effective cleanup script
* Built visualizations to present data to physics department faculty
* Dashboard deliverable as a dynamic data visualization interface
* Led team of student analysts

**Student Analyst**| BYU Idaho Data Wrangling and Visualization

September 2017 – Current

* Built data scripting and cleanup skills using RegEx
* Gained experience with spatial data using Leaflet and SF objects
* Studied under experienced Data Scientist to learn principles of effective graphics

References

**J. Hathaway** | BYU Idaho Math Faculty and Data Science Mentor

hathawayj@byui.edu

**Garret Saunders** | BYU Idaho Math Faculty and PhD in Statistics

saundersg@byui.edu