

# AVERY ROBBINS

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## EXPERIENCE

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**BYU Pathway Worldwide** – Data Analyst Intern; Salt Lake City, UT May 2020 - Present

- Develop predictive models, wrangle complex data, and create reproducible reports using R and Power BI
- Query databases with SQL and pull data using web APIs

**Brigham Young University - Idaho** – Data Specialist; Rexburg, ID Feb 2019 – Apr 2020

- Automated much of the data manipulation & cleaning involved in the development of 5 major reports for the Office of Teacher Preparation, potentially saving hundreds of hours of work that was previously done manually
- Visualized data and created interactive dashboards and web applications using R to help inform the Education Coordinating Council of potential areas of focus

**Brigham Young University - Idaho** – R Programming Lab Tutor; Rexburg, ID May 2019 – Mar 2020

- Troubleshooted a wide variety of technical and conceptual questions from students currently enrolled in critical data science courses: Data Wrangling and Visualization, Intermediate Statistics, & Applied Linear Regression

**Emerson Cargo Solutions** – Data Analyst Intern; Rexburg, ID Apr 2019 – Aug 2019

- Utilized Domo and R to analyze and visualize trends for Locus Traxx temperature and location trackers, with a focus on ETL maintenance and dashboard creation

**Brigham Young University - Idaho** - Statistics Tutor & Teacher's Aide; Rexburg, ID Jan 2019 – Jul 2019

- Tutored students in the use of R for performing statistical analyses, wrangling data, and creating visualizations
- Wrote new content for the Math 425 textbook, detailing how to develop quality graphics for linear regression analysis

**Research & Business Development Center** - Research Intern; Rexburg, ID Apr 2018 - Jul 2018

- Conducted research on CIT courseware used in colleges across the nation for Stukent, Inc.

## EDUCATION

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**Brigham Young University - Idaho** | Bachelor of Science in Data Science Graduation: Apr 2021

Data Science Society – Student Safety Analysis

- Managed a small team of data science students who performed an analysis of student injuries and mortality rates using R; compiled a report to be presented to the BYU - Idaho President's Council in order to make campus safer

Statistical Consulting – Credit Union Machine Learning Project

- Applied various machine learning algorithms to provide actionable insight for a local credit union to improve their rate of conversion from auto loan customers to full customers

## LEADERSHIP, ACTIVITIES, HONORS

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**Data Science Society** – President Aug 2019 – Dec 2019

- Oversaw the integrated efforts of over 50 students working on 9 projects for 7 different companies and organizations
- Collaborated with over 15 different companies to host the inaugural BYU-Idaho Data Analytics Forum
- Served as Vice President from May 2019 to July 2019 and Project Co-Manager from January 2019 to April 2019

**The Church of Jesus Christ of Latter-day Saints** – Volunteer Representative Sep 2015 - Aug 2017

*Mexico Oaxaca Mission*

- Trained and led teams ranging from 4 to 20 people, helping them to set and achieve various goals
- Taught religious beliefs & strong values in the Spanish language and gave service throughout 60+ hour work weeks

**Boy Scouts of America Eagle Scout Award** – Obtained May 2013