


AUBREY SHUGA

DATA SCIENCE STUDENT

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EDUCATION

Expected Dec 2021

Brigham Young University - Idaho

Bachelor of Science in Data Science

Minor in Statistics

RELATED SKILLS

- R
- Python
- SQL
- Machine Learning
- Google Sheets / Microsoft Excel
- Git and Version Control
- Data Cleaning and Visualization
- Probability and Statistics
- Visual Communication + Design

LEADERSHIP

Sept 2020 - Present

BYU-Idaho Data Science Society

- VP over Project Management
- Project Manager

Sept 2017 - Jul 2019

BYU-Idaho Student Support

- Volunteer Peer-Mentor
- Peer-Mentoring Coordinator

EXPERIENCE

BYU-Idaho Student Support

Sept 2018 - Present

Lead Research Analyst

Rexburg, ID

- Reported decision-ready data to Department Director and University Executives to evaluate performance, set goals, and drive strategies to optimize resources
- Designed and maintained dynamic Google Sheets dashboard reviewed by University Vice President
- Streamlined and coordinated data collection process among 15 campus services
- Cleaned, analyzed, and visualized structured and unstructured data from Qualtrics surveys and internal files for use in reports and dashboards

BYU-Idaho Peer-Success Mentoring

Jan 2021 - Present

Data Science Consultant

Rexburg, ID

- Analyzed semester GPA evolution of 400 at-risk university students to quantify the impact of peer-mentoring and optimize targeted student outreach campaigns
- Compared mentees with non-mentees by using R to visualize and model GPA change over 4 semesters
- Built interactive dashboard to inform program coordinators of significant performance differences between subsets of at-risk student populations

Good2Go Stores

Sept 2020 - Dec 2020

Data Science Consultant

Rexburg, ID

- Reported data-driven insights to CFO to determine next year's budget and sales goals
- Built interactive dashboard of weekly sales contextualized with world events using R tidyverse and trelliscopejs

Madison High School Basketball

Sept 2020 - Dec 2020

Project Manager / Consultant

Rexburg, ID

- Led team of 9 student analysts in using Python libraries Pandas and SQLite3 to extract, wrangle, and visualize gameplay data for head basketball coach to save time and money on other apps and improve team strategy
- Trained beginner-level team members on basics of object-oriented design, git and version control, databases and queries, and code documentation.