

JUSTIN SCHULTZ

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Education

Bachelor of Science in Data Science

December 2022

Brigham Young University-Idaho

Rexburg, ID

- Minor in Statistics
- Certificates in Data Science, Data Analytics, Machine Learning, and Epidemiology

Experience

Business Analytics Intern

April 2022

Safety Provisions Inc.

Rexburg, ID

- Wrangled data with python to find high populated areas of customers for company expansion
- Analyzed over 15,000 rows of customer purchases to create a product recommendation system in python to improve customer retention and sales
- Automated converting a text file to CSV using NumPy and Pandas to save hours per training created

Data Science Lab Tutor

January 2022

Brigham Young University-Idaho

Rexburg, ID

- Instructed students on how to solve questions using Python and R programming languages using Tidyverse, Pandas, Numpy and Altair packages
- Effectively used different teaching methods to help students understand key concepts of programming

PW Communications Data Consultant

April 2022

RBDC Consultant

Rexburg, ID

- Created a Trelliscope display of homelessness in the United States in R to improve decision making of government funds to states
- Built an R package to help collect and analysis homelessness data for non-technical people

Catan Senior Project

January 2022 – April 2022

Personal Project

Rexburg, ID

- Developed a Monte Carlo simulation of `Catan` in python using Numpy and Pandas
- Analyzed different starting positions to predict the amount of points a player would earn to improve change of winning

Beehive Federal Credit Union Data Consultant

September 2021-December 2021

RBDC Center consultant

Rexburg, ID

- Pulled Census Data using an API thought R to find growing locations in Idaho falls area
- Used public data to help Beehive Credit Union make over a million dollar decision to expand locations
- Created easy to follow visualizations to help with understanding and organized information to a PowerPoint to present to company management