JUSTIN SCHULTZ

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Experience

Business Analytics Intern   April 2022- July 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 – July 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

Education

Bachelor of Science in Data Science   July 2022

Brigham Young University-Idaho   *Rexburg, ID*

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

Projects

PW Communications Data Consultant   April 2022- July 2022

RBDC   *Rexburg, ID*

- Created an R Shiny app with Trelliscopes to display homelessness in the United States to improve decision making of government funds to states
- Built an R package to help collects 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
- Created a machine learning model to predict the number of points earned in a game based on a players starting positions

Beehive Federal Credit Union Data Consultant   September 2021-December 2021

RBDC   *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