DANIEL DOMINGUEZ

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EDUCATION

B.Sc. Data Science (Major GPA 3.0)   Jan 2020 - Apr 2024
Brigham Young University-Idaho   Rexburg, ID
- Minor: Statistics, and Business Analytics.
- Certificates: Computer Programming, Machine Learning Fundamentals, Database

SKILLS

Data Analysis, Wrangling, and Visualization:	Programming:	Database Design and Administration:
• Pyspark and SQL (Big Data) • R, Python • Statistical Analysis in R • Tableau, Domo, Power BI	• Python • Pytorch, TensorFlow (Machine Learning) • Basic C#	• SQL • Relational databases • Non-relational databases • PosrgreSQL

WORK EXPERIENCE

Data Analyst   Oct 2021 - Present
Brigham Young University-Idaho University Communications   Rexburg, ID
- Established pipeline from Twilio API in **Python**, retrieving 20K+ messages per month, ETL the data to connect to a dashboard on Power BI with the purpose of recognizing messaging trends, dropout, sentiment analysis, usage by university departments, and billing.
- Leveraged web-scraping in **R** data of 54K pages, to optimize user experiences and drive success, identifying errors and updating SEO content to improve accessibility and usability.
- Proficiency in Google Analytics to monitor and evaluate engagement data for 60,000+ students, 200,000+ alumni, and various stakeholders, translating insights into meaningful visual reports, for 33 different University departments.

VOLUNTEER EXPERIENCE / PROJECTS

iWorq Consulting Project (Remote)   Apr-Jul 2023
- Automated and deployed a live dashboard, extracting data from an AWS-S3 bucket, and transforming CSV files into Parquet format with more than 9M datapoints using R. Conducted feature engineering to analyze usage patterns from diverse clients, resulting in the identification of potential low-risk usage to predict potential service cancellations few months in advance.

What's That Fish   Apr-Jul 2023
- Developed a fish identification app utilizing Convolutional Neural Networks (92% accuracy) to recognize trout species from photos. Deployed the app on Google Firebase, enabling seamless photo storage and database integration for user interactions.

Sinclair Tire Dealership (BYU-I Data Science Society)   Apr-Jul 2023
- Developed on Streamlit an analytics tool to Web-scrape a given URL to aid a tire dealership from a given URL and retrieve information to help stablish retail price according to the competition.

John Deer (BYU-I Data Science Society)   Jan-Apr 2023
- Project manage to stablish a data pipeline and do ETL Process working with the John Deere API to feed a dashboard. The scope of the project was to do exploratory analysis to understand the data for future projects.

Beehive Credit Union (BYU-I Data Science Society)   Sep-Dec 2023
- Employed Python, Spark, and TensorFlow to create a machine learning model, enabling Beehive Credit Union to make informed decisions about new possible store locations by analyzing National Census Data and institutional data.

Data Science Society Vice President   Aug 2023-Present
BYU-I Data Science Society   Rexburg, ID
- Led and structured the efforts of 11 projects, maintaining regular contact and meetings with the 22 project managers to facilitate project progress, tools, and deliver the final products by the due date.