Nathaniel Clark

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Education

Brigham Young University – Idaho

Bachelor of Science, Data Science
September 2024 – Present
GPA: 3.46

Experience

Data Science Tutor

Brigham Young University – Idaho
April 2025 – Present
- Provided one-on-one support for data science concepts: analysis, programming, visualizations, and statistics
- Tutored students in Python, R, data analysis, and machine learning
- Assisted students in a walk-in lab covering a variety of statistics and data science courses

Project Manager – Agentic Grader

Brigham Young University – Idaho
April 2025 – July 2025
- Led a team to develop an automated grading system for a semester-long project
- Utilized tools like **n8n** and **LLM APIs**

Course Designer – Data Engineering

Brigham Young University – Idaho
April 2025 – July 2025
- Designed curriculum and assignments for a data engineering course
- Used **Snowflake**, **Airflow**, and **Python** for teaching automation and data pipeline concepts

Teaching Assistant

Brigham Young University – Idaho
December 2024 – July 2025
- Graded and created assignments for courses including Fundamentals of Cybersecurity, Introduction to Databases, and SQL
- Mentored students on technical concepts and problem-solving approaches

Full-Time Missionary

The Church of Jesus Christ of Latter-day Saints – Salt Lake City, UT
January 2022 – December 2024
- Developed interpersonal and communication skills through community outreach
- Worked 60–80 hours per week in challenging conditions, maintaining a positive and goal-focused mindset

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Technical Skills

- **Languages:** Python, R, C#, SQL
- **Data Science:** Data cleaning, data visualization (*ggplot2*, *Lets-Plot*), data wrangling (*Polars*, *Tidyverse*), machine learning (*TensorFlow*, *scikit-learn*, *XGBoost*)

Awards & Recognition

- **3rd Place**, Cybersecurity Category — *USU Hackathon 2025*, Utah State University (Stenography Project)

Projects

- **Metals in Mistborn**: Text wrangling a visualization of Mistborn Final Empire, for more you can read this article or see the code here.
- **Disc Golf Speed Prediction**: Predicting the speed metric from a discs physical metrics with xgboost. See the article.