

Kaitlyn Olson

(435) 890-9616 • kaitlyn.olson2015@gmail.com • in/kaitlynrolson

EDUCATION

Utah State University | Jon M. Huntsman School of Business

Logan, UT

Master of Management Information Systems (MMIS)

May 2024

- **GPA: 4.0** while working 25+ hours per week
- Relevant coursework: Cloud Computing, Data Warehousing, Introduction to Regression and Machine Learning, UI/UX Web Design

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Logan, UT

Information Systems Major with an emphasis in Data Engineering

December 2022

- **GPA: 4.0** while working 20+ hours per week, Summa Cum Laude
- A-Pin Award for two years – maintained a 4.0 GPA with 15+ credit hours for 2 consecutive semesters
- Dean's List for all semesters – maintained a GPA of 3.5 or higher with a 15+ credit course load
- Relevant coursework: Business Communication, Making Decisions with Data, Database Management, Data Visualization with Tableau, Visual Data Analytics, Advanced Python Programming for Data Analytics

PROJECTS

Data Warehousing

Logan, UT

Data Engineering Class Project

Spring 2023

- Performed dimensional modeling techniques to design, create, and populate a data warehouse in Snowflake based on given business processes, stakeholder expectations, and an existing relational database of a food and beverage distributor
- Utilized streams, tasks, and stored procedures to automate data pipeline processes from external to raw to consumption data tables in Snowflake

Advanced Python Programming

Logan, UT

Stock Market Trading Simulations

Fall 2022

- Ran multiple strategies including Bollinger Bands, Mean Reversion, and Moving Average Crossover on real-time stock market prices yielding the respective return percentages
- Sent paper trade requests to Alpaca through Python identifying if the application should buy, sell, or do nothing with the stock on the given day
- Created all data scripts and server-side logic, eliminating manual input and reducing errors simultaneously

SKILLS & TOOLS

- Advanced skills in SQL (Oracle, MySQL), Tableau (Certified), Python, Dimensional Modeling, ETL Processes
- Proficient skills in HTML, CSS, JavaScript
- Advanced technical knowledge in Snowflake, LucidChart, Argos Reporting
- Proficient technical knowledge in PowerBI, RapidMiner, DBeaver, AWS (Cloud 9, EC2, S3, IAM Roles)

WORK EXPERIENCE

Utah State University Controller's Office

Logan, UT

Programmer/Analyst Intern

February 2022 – Present

- Create reports and dashboards using SQL and Argos reporting tool to speed up university finance systems
- Verify the accuracy of financial data while testing, maintaining, and troubleshooting created dashboards
- Automate accounting, non-capital assets, and scholarship processes by coding exception reports

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Teaching Assistant – Advanced Database Management

August 2022 – Present

- Responsible for assisting the Advanced Database Management course in collaboration with Dr. Mills
- Incorporate new ideas, such as exam questions to best prepare students for common SQL interview questions
- Active management of grading and lab assistance for 48 students while giving priority to detail

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Teaching Assistant – Data Visualization with Tableau

January 2022 – Present

- Collaborate with Professor Siggard and other TAs to best assist students being introduced to Tableau
- Mentor students while providing them constructive feedback and suggestions to prepare for their final project
- Implement demo videos for students to reference while staying up to date on the latest features of Tableau