

Adam Carlton Seeley

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EDUCATION

Utah State University, Jon M. Huntsman School of Business

Logan, UT

Bachelor of Science: Management Information Systems

December 2024

- GPA: 3.4
- Concentration in Data Engineering
- Minor in Computer Science, Data Analytics

TOOLS

- **Languages:** Python, SQL (Postgres, MSSQL, Oracle, T-SQL), PHP, HTML, JavaScript.
- **Technologies:** Tableau, PowerBI, Excel, Microsoft Suite, Git (GitHub, GitLab), AWS, Linux.
- **Skills:** Data Mining (Pandas, NumPy), Data Pipelines, Front-End Development, ETL.

PROJECTS

Cryptocurrency Arbitrage Trader

2022-2023

- Designed and ran an algorithm delivering a 1.8% profit by optimizing the buying and selling strategies across a portfolio of 7 cryptocurrencies.
- Leveraged Python and AWS technologies to establish a dynamic retrieval process, interfacing with cryptocurrency APIs, enabling identification of arbitrage opportunities.

Interactive NFL Statistics Website

- Created an interactive website using PHP, CodeIgniter (PHP framework), JavaScript, and MySQL, designed to analyze NFL data for teams and players.
- Architected intuitive web forms for users to translate their input into refined SQL queries, enabling data analysis and visualization.
- Practiced database connectivity through PHP to a MySQL server.

Sport Betting Simulation

- Developed software that mimicked online betting platforms by accessing APIs from sport betting services to retrieve real-time odds and game data.
- Implemented data management by storing game and user information in JSON files and accessing peoples 'bets' through user-submitted Excel spreadsheets.
- Accessed ESPN APIs to retrieve match results to update users' winnings.

WORK EXPERIENCE

JE Dunn Construction

Kansas City, MO

Application Developer Intern

May 2023 – August 2023

- Enhanced and debugged over 20 web pages, contributing to the resolution of 40+ issues in PHP and JavaScript.
- Developed code that streamlined the job submittal process for HR by consolidating 4 steps into 1 process.
- Updated reports to use real-time data from ongoing projects company wide.

VOLUNTEER

Church of Jesus Christ of Latter-Day Saints

Myanmar

Missionary/Volunteer

February 2019 – March 2020

- Helped to educate local communities as an English class teacher in classes of 20-150 students 3 times a week in Myanmar as part of the Thailand Bangkok Mission.
- Achieved proficiency in a foreign language through a combination of classroom learning and conversations with native speakers.
- Worked 70+ hours a week through service, teaching, and helping communities.

LANGUAGES

- English (Fluent/Native)
- Burmese (Intermediate)