Ethan McAllister

(435)232-1293 | ethanamccallister@gmail.com | LinkedIn: Ethan McAllister | github.com/rslmcallister

EDUCATION

Utah State University   Logan, UT
Bachelor of Science in Information Systems, Minors in Computer Science and Data Analytics   *Aug. 2022 – Dec. 2025*

Utah State University   Logan, UT
Associate of Science, General   *Aug. 2022 – May 2024*

EXPERIENCE

Venue Operations Team Leader II   Feb. 2024 – Present
Utah State University   *Logan, UT*
- Full time position, leading a crew of 10 employees in preparing Utah State University's venues for sporting events.
- Venues include Dee Glen Smith Spectrum, Maverik Stadium, Wayne Estes Center, Stan Laub Indoor Training Center, LaRee and LeGran Johnson Softball Field, and Chuck and Gloria Bell Soccer Field.
- Skills: Collaborative Problem Solving · Personnel Management · Team Leadership · Communication

Venue Operations Rep   July 2022 - Feb. 2024
Utah State University   *Logan UT*
- Full time position: Attention to Detail · Team Player · Conflict Resolution · Listening Skills

CERTIFICATIONS

Georgia Institute of Technology   Atlanta, GA
Introduction to Object-Oriented Programming with Java – Professional Certificate   *May 2024*

CompTIA   Downers Grove, IL
A+ Certification   *Aug. 2023*

PROJECTS

Resume Website | *UI/UX Design Principles, HTML, CSS, Git/GitHub*   Jan 2024 – Present
- Applied important principles of UI/UX design in creating a resume website.
- Utilized HTML/CSS to create a highly functional and styled web page.
- Utilized Git with Github for version control and collaboration.

Algorithmic Stock Trader | *Python, JSON, Web APIs*   Aug 2023 – Present
- Developed an algo-trading application that retrieves daily stock prices from a web API and buys/sells stocks using simple moving average and mean reversion strategies.
- Retrieved JSON data from Web API to collect updated stock prices.
- Utilized various data structures including JSON files to store stock data.
- Object-Oriented/Procedural Python programming.

BlackJack Terminal Game | *Python, Object Oriented Programming, Git/GitHub*   Jan 2024 – Present
- Utilized principles of Classes/Objects to create a dynamic deck of cards used by the program.
- Implemented advanced conditional statements to account for every possible scenario.
- Implemented python libraries including random, for generating random decks, and OS, used for interacting with the Operating System
- Wrote, debugged, and deployed code using the AWS Cloud9 development environment.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS
Frameworks: React.js, Angular
Developer Tools: Git, AWS Cloud, VS Code, PyCharm
Libraries: pandas, NumPy, OS, Math, random.