

Owen Reedy

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Roswell, GA

OBJECTIVE:

Analytical, organized and detail-oriented Software Engineering student seeking an employment in Software Engineering where I can make meaningful contributions and grow both personally and professionally

EDUCATION

Auburn University

Bachelor of Software Engineering
Major: Software Engineering, GPA: 3.18

Auburn, AL
May 2025

Relevant Coursework

Artificial Intelligence, Data Mining, Software Construction (C++), Intro to Programming Languages (Ruby), Intro to Algorithms, Intro to Operating Systems, Software Modeling and Design

Projects

EMPIRE (Python, FastAPI, GitHub)

Senior Design Project

- EMPIRE is a system engineering-oriented project management software meant to streamline the engineering process for NASA CubeSat programs.
- Aiding in the development of an API called the EMPIRE Ontology System (EOS) that will ensure all activity within EMPIRE is consistent with concepts of systems engineering.

EXPERIENCE

Michelin (Python, Pandas, MicroStrategy)

Digital Intern

Dothan, AL

May 2024 – Aug 2024

- Developed and implemented a Python script to automate data processing for manufacturing operations, significantly enhancing efficiency and accuracy in reporting.
- Leveraged Python's data manipulation libraries (Pandas) to streamline the extraction, transformation, and loading (ETL) processes from an Oracle Database into a usable format.
- Integrated data into MicroStrategy reports, optimizing manufacturing workflows and providing insights critical for decision-making.
- Assisted colleagues with digital tasks, including troubleshooting and resolving issues in Power BI reports.

Axis Group (C#, .NET, GitLab)

Project Intern

Atlanta, GA

May 2023 – July 2023

- Implemented a search function for users to identify unused report fields using C# .NET to enhance existing software.
- Collaborated with manager and mentor to gather requirements and develop implementation plan.
- Utilized GitLab for version control, collaboration, and continuous integration.

ACTIVITIES

Theta Xi

Secretary

11/2022 - Present

- Secretary for two terms
- Founding Father of the Beta Zeta Chapter of Theta Xi

SKILLS

Programming Skills: Python, Pandas, FastAPI, Front-end development (MudBlazor), Java, C++, C#, Ruby