

Adam W. Hoffmeister

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GitHub: <https://github.com/adamECE?tab=repositories>

Education:

University of Arizona

Tucson, AZ

Honors College

Expected Graduation Date 05/2024

- Major: Software Engineering.
- Minor: Computer Science.
- Cumulative GPA: 3.60

Objective:

- To obtain an internship centered around developing industry level software products, gaining insight from distinguished workforce leaders, and receiving the opportunity to excel in a professional environment.

Skills:

- Proficient in React, JavaScript, CSS, HTML, MongoDB, Express, Python, C++, C, Java, MATLAB, Verilog, VScode, Eclipse, Enterprise Architect and Excel.
- Strong communication, analytical, and leadership skills.

Professional Experience:

Raytheon Missiles and Defense

Summer 2022 - Present

Software Intern

- Developing test scripts and unit tests for missile system related requirements in MATLAB and C++.
- Running simulations and performing post-processing tasks.
- Reviewing and testing embedded code.

Computer Programming for Engineering Application ULA

Spring 2022-Summer 2022

Undergraduate Learning Assistant

- Tutored student and graded coursework related to introductory C language concepts.

Projects:

Heart Rate Monitor IoT Application

- Developed a program full stack IoT application for the Web Development and Internet of Things Course, designed for users to create an account and view heart rate data.
- Used an Argon Wi-Fi Development board with Particle Photon to send heart rate readings to a server. Daily and weekly heart rate readings are then displayed for users via JSCharting.
- Deployed on an AWS EC2 instance and stored user and heart rate data using MongoDB.

SETDS System for the University of Arizona

- Developed a GUI using JavaFX for the Software Applications II course in order to display Software Engineering major information to be displayed on a touchscreen monitor in the Software Engineering office.
- Currently employed by the University of Arizona to upkeep and make changes to the system.

Dashboard Web Application

- Deployed a responsive and user friendly web application in React designed to track tasks, display weather information, and schedule events.