

# Adam W. Hoffmeister

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

## Education:

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### University of Arizona

*Tucson, AZ*

Honors College

*Expected Graduation Date 05/2024*

- Major: Software Engineering.
- Minor: Computer Science.
- Cumulative GPA: 3.59

## Objective:

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- 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:

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

## Projects:

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### Dashboard Web App

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

### Dijkstra's Algorithm

- Developed a program using the Lemon library to represent Dijkstra's graph search algorithm in C++ for the Computer Programming for Engineering Application II course.

### Langton's Ant Simulation

- Developed a simulation of Langton's ant which demonstrates understanding of object oriented programming in Python for the Computer Programming for Engineering Application II course.

## Professional Experience:

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### Raytheon Missiles and Defense

*Summer 2022 - Present*

Software Intern

- Developing test scripts and unit tests for missile system related requirements in MATLAB.
- Reviewing and testing embedded missile systems.

### Computer Programming for Engineering Application ULA

*Spring 2022-Summer 2022*

Undergraduate Learning Assistant

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

## Relevant Coursework:

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- Web Development and the Internet of Things, Discrete Structures and Basic Algorithms, Introduction to Engineering Probability and Statistics, Computer Programming for Engineering Application II, Digital Logic, Discrete Mathematics and Introduction to Computer Programming II.