

Adam W. Hoffmeister

Tucson, Arizona

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Security Clearance: Secret

Summary:

Software engineer with experience in automation, testing, and agile development. Proven ability to refactor complex systems, deliver technical expertise, and contribute across the software development lifecycle. Seeking to apply strong technical and collaborative skills in a growth-oriented software engineering role.

Professional Experience:

Raytheon Missiles and Defense

Software Products Engineer I

05/2024 - Present

- Implemented a SQL backend to streamline the program's legacy data processing architecture in order to improve pipeline efficiency, feedback loops, and developer experience.
- Developing test scripts and scenarios to validate guidance system-focused requirements.
- Collaborating with product owners and team members to refine product backlogs, remove developer roadblocks, and coordinate efforts across teams.

Software Products Engineering Intern

08/2022 - 05/2024

- Delivered a series of report generation tools for presenting test results for Formal Qualification Testing.
- Participated in embedded code and data reviews to ensure software quality attributes were satisfied.

Projects:

Smart Energy Grid Simulation (Senior Design Project)

08/2023 - 05/2024

- Awarded the best systems software design award for creating a smart grid simulation for Tucson Electric Power using MATLAB and Simulink.
- Evaluated control strategies and algorithms to optimize energy distribution, load balancing, and demand response.

MD-Sensei

01/2024 - 05/2024

- Created the first iteration of a full-stack Android application for Global Medical Force (GMF) with a team of students intended to deliver medical information to healthcare workers stationed across Africa.
- Integrated an AI Chatbot with Cohere RAG Connectors trained on a GMF-defined database.

Education:

University of Arizona

Tucson, AZ

Bachelor of Science in Engineering: W.A. Franke Honors College

Graduated 05/2024

- Major in Software Engineering, minor in Computer Science.

Skills:

- **Languages:** C++, Python, Java, JavaScript, and MATLAB.
- **Frameworks/Tools:** Docker, MongoDB, Express, React, Linux, and Azure DevOps.
- **Certifications/Awards:** Certified Scrum Master (CSM), RTX Achievement Reward (Collaboration).