JACOB HEINRICH

Software Developer

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🔗 https://github.com/Jacob-Heinrich

SUMMARY

Passionate software developer with 8 years of experience troubleshooting and repairing F-16 aircraft. Strong fundamental knowledge of software design, development, and testing.

SKILLS

Coding

C++ · Javascript · Python · HTML/CSS · Express · Node.js

Project management

Trello · GitHub

Engines

Unreal Engine 4 · Unity

EXPERIENCE

Aircraft Armament Technician   2013 - 2021

United States Air Force   Aurora, Colorado

- Led cross-organizational training on software systems for new F16 Multi-Stores Carriage Systems.
- Supervised and trained 50 enlisted personnel on F16 fighter aircraft operational tests.
- Led a team to autonomously troubleshoot and repair mechanical/electrical issues on aircraft.
- Repaired and maintained aircraft release and gun systems.

FIND ME ONLINE

🌐 **LinkedIn**
www.linkedin.com/in/jacob-heinrich149

🌐 **Portfolio Website**
http://jrportfolio.tech

EDUCATION

B.S. Computer Science

Oregon State University

2020 - Ongoing

- Coursework in Data Structures & Algorithms, Assembly Language, and Computer Graphics & Visualization
- Created and analyzed well-modularized assembly language programs utlizing decision, repetition, and procedure structures

PROJECTS

NASA APOD

Personal Project

- A React JS application to search through NASA's astronomy picture of the day API.
- Deployed the web application through GitHub using Vercel.

🔗 https://nasa-apod-alpha.vercel.app

Workout Tracker

OSU Web Development Portfolio Project

- Single Page application that tracks exercises completed by the user.
- React was used for the front-end UI app and a REST API was written using Node and Express for the back-end web service.
- MongoDB was used for persistence.

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