ANDREW HANSEN

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EDUCATION

James Madison University, B.S. in Computer Science, Minor in Honors   **2021 - 2025**

- GPA - 3.76
- Second Century Scholar - maintained a GPA of <3.5 over the course of undergraduate study.
- Marine Corps Foundation Scholar - awarded annually to students that are related to Marines.

EXPERIENCE

CACI ASF Intern   **2025**

- Worked on four projects that utilized agile methodology, three of which were listed as "High Priority" (see CV-VIN, CyberSTAR 2, and CRUD API below).
- Invited to present my projects to upper-level leadership.
- Demonstrated leadership by initiating action on tasks and taking on technical problems.

Jenkins Computer Services   **2023**

- Primary responsibilities included repairing computers, managing clients, running house calls, and offering over-the-phone tech support.
- Implemented and upgraded multiple networks, including home, business, and school networks.

PROJECTS

CV-VIN   **Flask/Python, Google Cloud API, JavaScript**

- Within a team environment, created the front and backend for a web application that extracts VINs (Vehicle Identification Numbers) from a picture of a vehicle's windshield.
- From the extraction, we are able to find and save the make, model, year, and country of origin of any given vehicle.

CyberSTAR 2   **Django/Python, PostgreSQL, Docker**

- Given the source code which scans a device and abides by STIGs, we implemented an SSH key file structure and created an automated issue request feature.
- Our contributions to the program enhance user experience, improve security, and streamline issues and enhancements.

CRUD API   **PostgreSQL, Hasura**

- Tasked to find a low/no code framework for Enterprise-Grade API generation.
- Researched potential solutions and proposed Hasura to create REST Endpoints.

SpotiTrack   **Django/Python, PostgreSQL, React**

- For an academic group project, my team and I created a dynamic website used to save and revert Spotify playlist changes, like a Git Pull/Push.
- My tasks as a full-stack developer included connecting the Spotify API, designing the frontend using React, and deploying on DigitalOcean's Dropplet.

SKILLS

- Languages - Python, Java, HTML, CSS, JavaScript, C, C#, Ruby, Haskell, Rust
- Tools - Git, Subversion, Django, PostgreSQL, React, Anaconda, WSL, DigitalOcean Dropplet, Unity, Godot, Google Cloud API, Docker, Hasura
- Skills - Application Development, Scrum, Agile Workflow, Teamwork, Technological Literacy, Computer Repair, Server Maintenance, Computer Networking, Customer Service
- Certifications - CompTIA A+, CompTIA Server+, Microsoft Office Specialist

INTERESTS

- Game development, playing instruments, basketball, trivia, and volunteering.