ANDREW HANSEN

HansenSAndrew@outlook.com • (434) 471-2043 • hansensandrew.social

ABOUT

I grew up in South Boston, VA, with limited computing possibilities. However, in middle school, I got the experience to participate in a coding bootcamp at Washington & Lee University. Since then, I have gained interest in software engineering, specifically game design and web applications. I enjoy working with a team to create software applications that will be enjoyed by others.

EDUCATION

James Madison University, Bachelors of Science   2021 - 2025

- GPA - 3.76
- Second Century Scholar - awarded to excellent STEM students of James Madison University.
- Marine Corps Foundation Scholar - awarded to excellent students that are related to Marines.

EXPERIENCE

Jenkins Computer Services   2023

- Repaired multiple desktops, laptops, and industrial computers.
- Implemented and changed multiple networks. From home, school, and business networks.
- Managed clients, ran house calls, and did tech support over the phone.

PROJECTS

Arcade Basketball Game   Unity/C#

- Currently in development, my team and I are creating an arcade-styled basketball game using the Unity engine.
- I am the project manager and lead programmer, and my responsibilities include creating tasks for each team member, setting up "scrum meetings," and testing changes.

SpotiTrack   Django/Python, PostgreSQL, React

- Deployed on DigitalOcean's Dropplet, my team and I created a dynamic website used to save and revert Spotify playlist changes like a Git Pull/Push.
- I was a full-stack developer who worked on saving essential information from Spotify's API and creating the frontend with React.

Based On Books   HTML, CSS, JavaScript

- A static web application that returns media based on books.
- The user inputs a book title, and then the program fetches the information from multiple APIs.
- The user could also filter the result by including contributors or a range of years.

Calorie Calculator   Java

- A team of six was assigned to create a desktop application that was able to calculate the calories of a user-generated recipe.
- We were able to accomplish this by creating our own algorithms, using Java Swing for the frontend, and deploying the application from a JAR file.

SKILLS

- Languages - Python, Java, HTML, CSS, JavaScript, React, C, C#, Ruby, Haskell, Rust
- Tools - Django, PostgreSQL, Anaconda, WSL, DigitalOcean Dropplet, Unity

CERTIFICATIONS

- CompTIA A+
- CompTIA Server+
- Microsoft Office Specialist