

# ANDREW HANSEN

HansenSAndrew@outlook.com • (434) 471-2043 • [www.hansensandrew.social](http://www.hansensandrew.social)

## ABOUT

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I grew up in South Boston, Virginia, 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

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### 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

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### Jenkins Computer Services

2023

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

## PROJECTS

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### Arcade Basketball Game

Unity/C#

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

### SpotiTrack

Django/Python, PostgreSQL, React

- Deployed on DigitalOcean's Droplet, 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, Java Swing for the frontend, and deploying the application from a JAR file.

## SKILLS

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- Languages - Python, Java, HTML, CSS, JavaScript, C, C#, Ruby, Haskell, Rust
- Tools - Git, Subversion, Django, PostgreSQL, React, Anaconda, WSL, DigitalOcean Droplet, Unity
- Skills - Application Development, Scrum, Agile Workflow, Technological Literacy, Computer Repair, Server Maintenance, Computer Networking, Video Editing & Production, Music Theory

## CERTIFICATIONS

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