

# CASSIE COLEMAN

## SOFTWARE ENGINEER

### CONTACT

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### EDUCATION

#### GEORGE FOX UNIVERSITY

B.S. Computer Science with a  
Concentration in Cyber Security

### TOOLS

#### Languages:

Python, Java, C/C++, C#, TypeScript,  
JavaScript, HTML/CSS, Scripting

#### Frameworks & Tools:

Angular, Java Springboot, Git, Bash,  
PowerShell, SQL

#### Cloud & DevOps:

AWS Services, Linux/Unix  
Environments, Command Line

#### Concepts:

Object-Oriented Programming, Multi-  
threading, Parallel & Distributed  
Computing

#### Other:

Agile Development (Jira), Cross-  
platform Experience (Windows,  
macOS, Linux)

### SKILLS

- Communication
- Adaptable
- Quick Learner
- Creative
- Hard-Working
- Team Oriented
- Organization

### PROFILE SUMMARY

A highly driven Software Engineer with 3+ years of diverse experience spanning firmware development, full-stack programming, and IT support. I excel at rapidly adapting to new technical environments and seizing opportunities for growth. Passionate about cutting-edge technology—particularly in the realm of assistive technology—I am dedicated to leveraging my broad skill set to make meaningful contributions and positively impact the community.

### RELEVANT EXPERIENCE

#### Hewlett Packard (HP)

AUG 2023 - PRESENT

#### Software Firmware Engineer

*Technologies Used: C#, C++, Hardware Testing, SCRUM, Linux Build Systems, Bug Triage*

Drove the creation and implementation of new printer firmware functionality, acting as the Technical Lead and primary contributor for several key Epics on the Engine and Supplies team. Developed and maintained features across two distinct production codebases, utilizing expertise in both C# and C++. Resolved complex bugs to ensure the robust reliability and performance of firmware. Maintained strict confidentiality and adhered to security protocols while holding clearance to work on restricted codebases.

#### Amazon Web Services (AWS)

JUNE - AUG 2022

#### Systems Development Engineer Intern

*Technologies Used: Java, AWS services, Database Modeling, APIs*

Designed and created an AWS internal system that automated VirusTotal's (VT) LiveHunt notifications into downstream services for the Cyber Analysts. Worked with AWS cloud systems and the Smithy language to establish API endpoints that allowed interactions with the system. Demonstrated strong ownership and motivation while designing this system from a loose end-result prompt.

### PERSONAL PROJECT

#### Full-Stack Ecommerce Site

PRESENT

Personal Project - [www.finaltouchdecorboise.com](http://www.finaltouchdecorboise.com)

*Technologies Used: Angular, Java Springboot, AWS Services, Static/Dynamic Hosting, Web Security, Google reCaptcha, Full-Stack Design*

Built a full-stack rental platform for a wedding vendor business, enabling users to browse items, check availability, and submit reservations. Used Angular for the frontend and Spring Boot for the backend, with AWS S3 and DynamoDB for scalable data and image storage. Implemented robust security features, including reCAPTCHA, IP tracking, CORS, and custom logic to prevent overlapping bookings. Designed and deployed the system for real users with a focus on performance and reliability.