

# Jeremiah Mensah

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## EDUCATION

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**Carleton College | Northfield, MN**

**B.A. in Computer Science**

**Jun 2024**

## TECHNICAL SKILLS & CERTIFICATIONS

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**Certifications:** Java Certified Foundation Associate (July 2024), ISTQB Certified Tester Foundation Level (Aug 2024), DHS Trusted Tester (Jan 2025)

**Programming Languages:** Java, Python, JavaScript, HTML, CSS, C#

**Technologies/Frameworks:** React, SpringBoot, Unity, Postman, Flask, Jenkins, PostgreSQL, Selenium

**CI/CD Tools:** Jenkins, SonarQube

**Project Management:** AGILE, GitHub, Slack, Jira

## RELEVANT EXPERIENCE

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**Carleton College | Software Developer | Northfield, MN**

**Dec 2023 - Jan 2024**

- Used JavaScript to allow users to record different rat behaviors for a research study resulting in higher-quality research data
- Utilized HTML to structure and organize website content, optimizing user experience and navigation within the website
- Utilized jQuery to manipulate web page elements allowing for smooth interaction between the HTML and JavaScript
- Conducted manual unit testing to identify and resolve bugs in the website, ensuring reliability and customer satisfaction

**Software Engineer Intern | Wells Fargo | Charlotte, NC**

**Jun 2022 - August 2022**

- Leveraged the Agile software development lifecycle to streamline workflows and enhance efficiency
- Utilized ReactJS, CSS, HTML, and PostmanAPI to build a web app to streamline corporate banking investment tracking
- Conducted and passed 8 unit tests on the web app, resolving 10 UI discrepancies and enhancing user satisfaction by 25%
- Engineered a Java program leveraging Spring Framework and Symphony API, centralizing user and chatroom data and saving future developers over 10 hours of integration time

## PROJECTS

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**Skillstorm | Inventory Management Project**

**July 2024**

**Github:** <https://github.com/jmensah365/Sweet2Neat>

- Developed a full-stack candy inventory management solution using SpringBoot, PostgreSQL, and ReactJS, providing CRUD functionality
- Designed and implemented a dynamic and responsive UI providing a seamless experience for managing inventory, placing orders, and viewing stock
- Implemented and exposed RESTful APIs for CRUD operations on inventory items, orders, stock, and warehouse data, ensuring seamless interaction between frontend and backend services
- Optimized database design and integrity using PostgreSQL for scalable and efficient data handling
- Configured Jenkins pipelines for continuous integration and deployment (CI/CD), automating build and testing processes.
- Utilized SonarQube for static code analysis, ensuring high code quality and adherence to OWASP security standards