

YEBOAH PEACEBRIDGE OSEI

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EDUCATION

Gustavus Adolphus College

September 2021 - May 2025

Bachelor's, Computer Science

- Relevant Coursework: Data structures and algorithms, Object Oriented Programming, Computer System Design, Software Engineering, Android Development, Agile Development, Operating Systems, LLMs

PROFESSIONAL EXPERIENCE

Mastercard

St. Louis, MO, USA

Software Engineering Intern

June 2024 - August 2024

- Developed a React-based Open Banking reference app to showcase the integration of Mastercard Connect and other Open Banking APIs
- Implemented features to expand user capabilities such as creating different accounts to improve user experience.
- Wrote unit tests and tested related APIs in Postman to ensure the application meets acceptance criteria.

Mastercard

St. Louis, MO, USA

Software Engineering Intern

June 2023 - August 2023

- Used SpringBoot to design and deploy new RESTful API services for business needs each sprint/iteration.
- Updated Postman collections & API endpoints to streamline developers' interaction with higher level environments
- Maintained over 90% unit test code coverage and participating in code reviews in an Agile environment
- Created a health check library to examine status of different applications, cutting down developer work by 15%

IBM

Remote

IBM Accelerate - Program Participant

June 2022 - July 2022

- Took live training from IBM engineers weekly on task completion through Agile methodology and IBM technologies
- Built a Todo app while gaining hands-on knowledge on cloud computing through AWS, Frontend and backend development
- Built a CLI - Based Coding Project in 24 hours and presented in front of IBM leadership during the Demo Day

PROJECTS & OUTSIDE EXPERIENCE

Personal Portfolio/Website - [Link to project](#)

- Developed a personal portfolio website using React and NodeJS, to showcase my skills, projects, and professional experience all in one place
- Integrated modern UI/UX frameworks such as Tailwind CSS to ensure a seamless and visually appealing user interface, enhancing usability and accessibility across all devices
- Hosted and deployed the website using Git and Github pages, reducing any hosting costs by 100%

Pick-up App - [Link to project](#)

April 2024 - May 2024

- Developed an Android app for campus pickup games, enhancing student social interaction using Android Studio
- Collaborated with two peers, and used Kotlin for efficient app design, while testing app performance each iteration
- Integrated Firebase for real-time game creation and participation, boosting user engagement by 50%

Movie Recommendation App - [Link to project](#)

- Designed a movie recommendation app on Android Studio using Android Studio, Kotlin and the MovieDP API
- Implemented features to display current theater movies and viewer ratings, enhancing user experience by 40%
- Helped over 20 students decide on theater visits, increasing informed decisions by 75%

SKILLS

Programming Languages: Java, Python, C/C++, JavaScript, Kotlin, Node.js, Redis, React.js

Tools/Frameworks: AWS, Kafka, Docker, Git/Gitlab, SpringBoot, JIRA, Postman, MongoDB, Linux:

EXTRACURRICULAR

ICPC Regional Programming Contest: Participated in the Fall 2023 ICPC Regional Programming Competition