

YEBOAH PEACEBRIDGE OSEI

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EDUCATION

Gustavus Adolphus College – St. Peter, MN

[Expected May 2025]

B.A in Computer Science, Minor in Statistics

Relevant coursework: Data Structures and Algorithms, Relational/Non-Relational Databases, Distributed Systems, LLMs, Low-Level Design(OOP Concepts), Agile development, Discrete Mathematics, Statistics

TECHNICAL SKILLS & CERTIFICATIONS

- Programming Languages: Python, C, JavaScript, R & R studio, Kotlin, Java, SQL
- Tools & Frameworks: AWS, Git/Gitlab, SpringBoot, JIRA, Postman, MongoDB, Jenkins
- Certifications: [AWS Certificate](#), [Meta Front-End Development Course](#), [CodePath: Software Engineering Training](#)

EXPERIENCE

Amazon - Software Engineering Intern

[May 2024 - Present]

Research - Prompt Engineering in Large Language Models

[September 2023 - December 2023]

- Designed a general taxonomy for crafting prompts tailored to large language models such as ChatGPT and Bard
- Investigated impact of each taxonomy in improving quality of model responses
- Achieved a 10% increase in response accuracy to taxonomy-created prompts

Mastercard - Software Engineering Intern

[June 2023 - August 2023]

- Used SpringBoot to design and deploy new RESTful API services for business needs every 2-weeks
- Optimized my team's Postman collections and API endpoints, decreasing time spent testing code by 20%
- Maintained over 90% unit test code coverage and participated in code reviews in an Agile environment
- Created health check library using springBoot health dependency, increasing early application failure detection by 10%

Capital One - Tech Mini-Mester Participant

[June 2023 - July 2023]

- Built a CLI-Based Coding Project in 24 hours and presented in front of Capital One leadership.
- Participated in a progressive learning experience that involved workshops around Node, NPM, Javascript and more.

PROJECTS

Flixster (Individual Project):

[Link to Project](#)

- Designed a movie recommendation app(Flixster) on Android Studio using the MovieDP API
- App displays a list of movies currently playing in theaters and their viewer ratings
- App helped over 20 students decide whether to go to theaters or not, depending on the movies being shown

The Simple Todo App (Individual Project):

[Link to Project](#)

- Built a simple Todo app that helps me keep track of my daily routine
- Utilized Android Studio and programmed app in Kotlin. App has increased my productivity in task completion by 10%

Light and Sound Memory Game (Individual Project):

[Link to Project](#)

- Built a simple game using HTML, CSS, and Javascript that engages the visual, auditory, and kinesthetic senses of users
- About 78% of the 34 people who tried the game said they found it engaging and helped their memory retention

EXTRACURRICULAR

ICPC Regional Programming Contest: Ranked 4th in the 2023/2024 ICPC programming contest: **NCNA Region**

CodePath Technical Interviewing Coach: Help students understand and develop effective problem solving strategies through Data Structures and algorithms

Residential Assistant: Providing essential support and fostering a positive environment as a Residential Assistant