

Mariam Omer

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EDUCATION

Georgia State University

Bachelor of Science in Computer Science

Honor's College

Overall GPA: 4.03/4.00

Atlanta, GA

Expected May 2025

Relevant Coursework: Principles of Comp Sci I, Principles of Comp Sci II, Theoretical Foundations of Comp Sci, Data Structures and Algorithms, Design & Analysis: Algorithms, Software Development, Computer Org and Programming

PROJECTS

Calculator+ App Design

October 2023

- Participated and won second place in Georgia State University's first all-women hackathon, HackHers, hosted by Girls Who Code
- Developed a wireframe for the application using Figma and started building the actual app in Android Studio with CSS, Javascript, and Java
- Designed an emergency response app that is disguised as a regular calculator to help promote women's safety in situations where they can't directly call the police as it would be detrimental to their current safety
- The application would also include functions to dial a preset emergency contact, play a pre-recorded phone call, guide users with a safety route map, and provide phone numbers to certain emergency hotlines

Python Snake Game

September 2023

- Developed a classic Snake game using Python and Tkinter for the graphical interface
- Implemented vital features such as snake movement, food generation, score tracking, and collision detection

RELEVANT EXPERIENCE

Headstarter AI

Remote

Software Engineering Fellow

July 2024 - Present

- Creating over 5 AI applications and APIs utilizing NextJS, OpenAI, Pinecone, and StripeAPI, aiming for high accuracy and user engagement.
- Developing projects from the design stage to the deployment stage with a team of 4 engineering fellows
- Receiving mentorship from engineers at Amazon, Bloomberg, and Capital One, focusing on Agile methodologies, CI/CD processes, Git, and microservice patterns

ON CAMPUS AND COMMUNITY INVOLVEMENT

Girls Who Code

Atlanta, GA

Member

May 2023 - Present

- Actively volunteers in a nonprofit organization dedicated to promoting STEM education for women
- Contributes to the mission of closing the gender gap in technology and empowering women on campus to strengthen the community

Codepath WEB101 Course

Remote

Student

Jan 2024 - May 2024

- Completed CodePath's WEB 101 course, gaining proficiency in HTML, CSS, and JavaScript, including advanced topics like Flexbox, layouts, and web design principles.
- Designed and developed a functional website, incorporating animations to enhance the UX and UI.

Paragon One

Remote

AI-Powered VC Deal Sourcing Externship Lab

November 2023 - December 2023

- Researched and assessed early-stage startups in the field of longevity technology to determine their compatibility with IgniteXL's investment strategy
- Applied due diligence procedures to assess ten additional deal submissions for alignment
- Presented a live pitch to company leadership in a concise 4-minute final deal presentation

SKILLS

Coding Languages: Python (NumPy, Pandas, Matplotlib), SQL, HTML, CSS, Javascript, R, C++

Programs: Figma, Autodesk Inventor, AutoCAD, Adobe Illustrator, Adobe Photoshop

Soft skills: Problem-Solving, Creativity, Teamwork, Organization, Communication, Work ethic

HONORS AND DISTINCTIONS

Dean's List: Spring 2022, Fall 2022, Fall 2023 | **President's List:** Fall 2021, Spring 2023, Spring 2024