

Leroy Gawu-Mensah

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EDUCATION

Augustana College

Rock Island, IL

Bachelor of Arts in Computer Science and Graphic Design GPA: 3.9/4.0

Feb. 2022 – May 2026

Relevant Coursework: Web Development, Software Development, User Interface Design, Computer Algorithms, Data Structures and Object Oriented Programming, Machine Learning, Typography, Design Elements, Digital Photography

TECHNICAL SKILLS

Languages: HTML/CSS, JavaScript, JSX (JavaScript Syntax Extension), Java, Python

Frameworks: React, Node.js, Bootstrap, WordPress, Material-UI, Vite, Next JS

Tools: Git, Github, VS Code, Vercel, Figma, Adobe Suite, IntelliJ, Eclipse, Vercel, Microsoft Suite

EXPERIENCE

Software Engineering Fellow

Jun. 2024 – Aug. 2024

Headstarter

Remote

- Developed a responsive landing page using HTML5 and CSS3 achieving a 95% user satisfaction rate
- Developed a full-stack inventory management app using JavaScript and Node.js featuring real-time updates
- Participated in hackathons to deepen my knowledge of algorithms and optimize code efficiency, learning to reduce the time complexity of code by 100%

Web Development Intern

May 2023 – July 2024

EDGE Entrepreneurial Center, Augustana College

Rock Island, IL

- Developed a dynamic website for Davenport Electricity Company, improving their online presence by 45%
- Created UI designs for websites using Adobe Photoshop and Figma, contributing to an overall project success
- Spearheaded email marketing in collaboration with the Augustana Advertising team, resulting in a 20% increase in customer engagement and 40% growth in conversion rates

PROJECTS

Rate My Professor AI Chatbot | *NextJS, Vercel, React, OpenAI, Pinecone, FastAPI*

github.com/rmp

- Led a team of three to design and deploy an AI chatbot using OpenAI GPT-4 API, for queries about professors
- Used React and Next.js to create interactive user components for a seamless user experience.
- Engineered a FastAPI-based web scraper to automatically collect data on 24 professors from Augustana College, reducing manual data entry time by 90%
- Utilized Pinecone for data retrieval allowing the system to handle growing datasets and scale seamlessly as the amount of data or users increased.

Calculator App | *JSX (Javascript Syntax Extension), HTML, CSS, Vercel, Git*

github.com/Calculator

- Built an interactive calculator with responsive design using JSX and React
- Utilized Git for version control and project collaboration.
- Applied responsive design principles for optimal usability on various devices.
- Deployed the project on Vercel for fast, reliable hosting

Dungeons and Dragons Word Game | *Java*

github.com/Dungeons

- Developed a role-playing word game in Java, where players take turns fighting or defending as Dungeons and Dragons characters
- Implemented object-oriented programming (OOP) principles, including inheritance for character class structures
- Utilized arrays and control structures like loops for managing game actions and player turns reducing processing time by 45%

EXTRA CURRICULAR

Google Developer Student Club Member	Feb. 2024 – Present
Outlier.ai Generative AI Evaluator	Jun. 2024 – Present
Art Department Committee Student Member	Aug. 2024 – Present
Augustana Residential Life Community Advisor	Aug. 2024 – Present
African Student Association Member	Jan. 2023 – Present