

Oluwaseyi S. Salisu

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EDUCATION

Towson University

B.S. in Computer Science

Baltimore, MD

Expected Graduation, May 2027

- **Concentrations:** Software Engineering Track
- **GPA:** 3.71/4.00, *Dean's List*(spring '23, fall '24, spring '25)
- **Related Coursework:** Intro to Computer Science I & II (Java & C++), Calculus I, Calculus II, Discrete Math, CSIT101 (MS Office), Intro to Cyber Security, Data Structures & Algorithm Analysis, Intro to Statistical Methods, Software Engineering, Data Communications & Networking, Programming Languages: Design & Implementation, Operating Systems

Codecademy Certifications: Intro to Python 3, Data Structures & Algorithm(Python)

EXPERIENCE

LegaC AI

ML/ML Ops Intern

Baltimore, MD

July 2025 – present

- Built and deployed task-specific AI agents, boosting workflow efficiency by 30% through automation and optimized logic.
- Designed and maintained ML pipelines for data preprocessing, model training, and deployment, reducing iteration time by 25% and improving reliability.
- Collaborated with a 3-person team using GitHub for version control and Agile standups; presented results to founders with strong technical feedback.

Headstarter AI

Software Engineer Fellow

Baltimore, MD

July 2024 – Sept 2024

- Gained mid-level proficiency in frontend, backend, cloud, and machine learning stacks across 3-4 real-world projects, applying DSA, systems design, and OOP principles.
- Contributed to core initiatives such as resume reviews, group projects, startup ideas, and hackathons, fostering a culture of innovation and peer-driven growth.
- Presented projects to large audiences, connected with 50+ software engineers, and developed strong communication skills to build rapport with peers and stakeholders.

PROJECTS

PQ-ACE (MorganHacks 2025 | 24-Hour Hackathon)

Baltimore, MD

Team STZN-Member | [Dev Post](#)

April 2025

- Developed an AI-driven study companion that aggregates past exam questions and delivers interactive Q&A, built from zero to working demo in under 24 hours using React, Next.js, Firebase and Google Generative AI.
- Implemented a Firestore + Storage-backed, multi-criteria filterable repository and integrated the Google Generative AI API to handle 150+ demo queries with 90% accuracy, slashing average retrieval time by 40%.
- Collaborated in a 4-person agile sprint leveraging VS Code Live Share and GitHub to synchronize workflows, iterate rapidly on feedback, and deliver under tight deadlines.

Fake News Forensic – AI-Powered Misinformation Detection

Baltimore, MD

Solo Capstone Project, Kaggle Gen AI Intensive Course (Q1 2025) | [Medium Article](#) | [Presentation Video](#)

Mar 2025 – April 2025

- Built a Generative AI pipeline analyzing 44,898 news articles, achieving 93% semantic retrieval accuracy using embeddings and FAISS vector search.
- Reduced manual fact-checking time by 80% through real-time analysis with OpenAI GPT-4, Google Gemini, and NewsAPI.
- Increased misinformation summarization clarity by 35%, employing Retrieval-Augmented Generation (RAG)

CleverCards AI

Team Lead

Baltimore, MD

Aug 2024 – Sept 2024

- Led the end-to-end development of a responsive web app for AI-generated flashcards, increasing user retention by 40%.
- Integrated Stripe API for secure subscription management, handling 100+ transactions with 0% failure rate.
- Applied Clerk and Firebase authentication, securing 100% of user data and session handling.

Portfolio Page

Solo

Baltimore, MD

July 2024

- Designed and developed a personal portfolio website with HTML/CSS, showcasing projects and skills.
- Integrated interactive contact forms and social media links, enhancing engagement by 50%.
- Customized layout and typography for a modern, responsive design, boosting page load speed by 35%.

ACTIVITIES AND LEADERSHIP

Resident Assistant

Barton House, Towson University

Baltimore, MD

Aug 2025 – Current

- Supervised and supported a residential community of 40+ students, promoting safety, inclusion, and academic success.
- Responded to and resolved 20+ incidents per semester while enforcing university policies and maintaining a positive living environment.
- Planned and facilitated 10+ educational and social programs each semester, boosting resident engagement and community participation by 30%.

Clubs: Software Engineering Club, Models Of Distinction, NSBE(National Society of Black Engineers)

Baltimore, MD

SKILLS

Languages: Java, Python, C++, JavaScript, TypeScript, HTML/CSS

Frontend: React.js, Next.js, Material UI, Tailwind CSS | **Backend:** Node.js, Express.js, Firebase, Firestore, PostgreSQL

AI & Data Tools: OpenAI API (GPT-4), Google Gemini API, NewsAPI, FAISS, SentenceTransformers

Dev Tools & Platforms: Stripe API, Git/GitHub, Vercel, Hostinger

Practices & Methodologies: Authentication, CI/CD, NLP, Retrieval-Augmented Generation (RAG), Semantic Search, Few-Shot Prompting