Oluwaseyi S. Salisu

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EDUCATION

Towson University   **Baltimore, MD**
B.S. in Computer Science   *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

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

EXPERIENCE

Headstarter AI   **Baltimore, MD**
Software Engineer Fellow   *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   **Baltimore, MD**
Team Lead   *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   **Baltimore, MD**
Solo   *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

Software Engineering Club   **Baltimore, MD**
Member   *Sept 2024 – Current*

NSBE(National Society of Black Engineers)   **Baltimore, MD**
Member   *Sept 2024 – Current*

Models Of Distinction   **Baltimore, MD**
Titus Distinction   *Sept 2023 – Current*

- Led runway shows and creative direction, increasing brand visibility by 25%.
- Managed event execution and coordinated teams of 10+ members, demonstrating leadership and organizational skills.

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, AI Integration