Oluwatobi Olajide

olola73@morgan.edu | (301)-232-2137 | LinkedIn | GitHub | Website

EDUCATION

Morgan State University   **Baltimore, Maryland**
B.S in Computer Science   *Expected Graduation, May 2027*
  - **Related Coursework:** Intro to Computer Science I, Intro to Computer Science II

SKILLS

Programming: Python, Flask, React.js, Pandas, JavaScript, TypeScript, HTML/CSS
Tools: Node.js, Express.js, MongoDB, Firebase, Git, Tensor Flow, Scikit learn, Jupyter Notebook, Next.js

SOFTWARE ENGINEERING PROJECTS

Farm Management Application (React.js, CSS, Google Maps API, Node.js, Open Weather Map API)
Full Stack Engineer   *January 2024*
  - Architected and developed dynamic mapping functionality utilizing Google Maps API, providing users with both bird's-eye and ground-level views of their agricultural holdings, augmented with interactive tree markers for precise plant localization.
  - Engineered seamless integration of Open Weather Map API to furnish real-time temperature data for individual trees, thereby augmenting farm surveillance capabilities.
  - Spearheaded the design and implementation of an intuitively navigable website, prioritizing aesthetic appeal to optimize user engagement and satisfaction.

Teachable (React.js, CSS, Node.js, MongoDB)
Backend Engineer   *December 2023*
  - Achieved 1st place in the prestigious Google and Society for Advancement of Computer Science (SACS) competition with Teachable, leading a team of three.
  - Designed and implemented backend infrastructure using Express.js, MongoDB, and Node.js for efficient management of student and tutor data.
  - Developed APIs and database schemas to facilitate seamless interaction between the front-end and back-end components.
  - Collaborated with team members to integrate backend functionalities with the front-end user interface, ensuring a cohesive user experience.

Space-A-Thon (HTML, CSS, JavaScript, Bootstrap)
Full Stack Engineer   *November 2023*
  - Secured 2nd place in the Space-A-Thon hackathon, contributing to the development of an exceptional educational web application focused on space exploration, missions, phenomena, and an interactive quiz section.
  - Presented and conducted a live demo to a 100-member audience, effectively communicating complex concepts and ensuring continuous user engagement.
  - Collaborated closely with a dynamic team of four, participating in the design, coding, and deployment phases within a time-constrained 24-hour environment, showcasing adaptability and teamwork.

AWARDS

Web Development Competition   **Baltimore, Maryland**
Hosted by Google and Society for Advancement of Computer Science (SACS)   *Dec 2023*
  - Secured 1st place as part of a three-member team for an outstanding web application project (Teachable).

Code Swarm Hackathon   **Dover, Delaware**
Hosted by Delaware State University   *November 2023*
  - Secured 2nd place as part of a four-member team for an outstanding application (Space-A-Thon).

Google HBCU Hackathon   **D.C, Washington**
Hosted by Google   *November 2023*
  - Achieved a top 6 placement as part of a four-member team for an outstanding application (Culture Connect).