

Oluwatobi Olajide

olola73@morgan.edu | (301)-232-2137 | [LinkedIn](#) | [GitHub](#)

EDUCATION

Morgan State University

B.S in Computer Science

Baltimore, Maryland

Expected Graduation, May 2027

- **Related Coursework:** Intro to Computer Science I, Intro to Computer Science II

SKILLS

Programming: Python, JavaScript, TypeScript, HTML/CSS, Bootstrap, Tailwind CSS, React.js, Pandas

Tools: Node.js, Express.js, MongoDB, Firebase, Git, Jupyter Notebook

PROJECTS

[Farm Management Application](#) (React.js, CSS, Google Maps API, Node.js, Open Weather Map API)

Team Lead

January 2024

- Implemented dynamic maps using Google Maps API to offer user and aerial view of their farm with interactive tree markers indicating plant coordinates.
- Integrated Open Weather Map API to display real-time temperature data for each tree, enhancing farm monitoring capabilities.
- Designed and implemented an aesthetically pleasing website, to enhance user experience.

Teachable (React.js, CSS, Node.js, MongoDB)

Team Member

December 2023

- Co-created with a team of three and led the development of Teachable, a web application facilitating personalized learning experiences for students.
- Designed and implemented backend infrastructure using Express.js, MongoDB, and Node.js for managing student and student tutors data.
- Utilized React and CSS to implement an innovative swiping interface for an engaging front-end user experience.

[Space-A-Thon](#) (HTML, CSS, JavaScript, Bootstrap)

Team Member

November 2023

- Presented and conducted a live demo to a 100-member audience at a hackathon, imparting new knowledge and ensuring continuous user engagement.
- Engineered an impactful educational web application on space exploration, missions, phenomena, and an interactive quiz section to reinforce learning.
- Collaborated with a dynamic team of four to design, code and deploy the application in a time-constrained 24-hour environment.

[Portfolio Website](#) (React.js, TypeScript, Tailwind, Next.js)

Team Lead

August 2023

- Implemented responsive and dynamic features.
- Leveraged Next.js for optimized performance and utilized TypeScript for enhanced code reliability.

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).
- Recognized with the most unique UI design.

[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).