

# MOYINOLUWA ADELOWO

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## EDUCATION

### ALABAMA AGRICULTURAL & MECHANICAL UNIVERSITY

Bachelor of Science in Mechanical Engineering, Computer Science Minor

Expected Grad: May 2027

### ALTSCHOOL AFRICA (Lagos, Nigeria)

Diploma in Backend Engineering

April 2022 – June 2023

## SKILLS

**Technical Skills:** • Python • JavaScript • C++ (in progress) • Arduino Programming • SolidWorks (in progress) • HTML & CSS • Bootstrap & Tailwind • SCSS/Sass • Data Analysis • Git & GitHub • Data Structures and Algorithm • Graphic Design • MongoDB • Node.js • React.js

**Soft Skills:** • Communication • Decision Making • Quick Learning Ability

## PROFESSIONAL EXPERIENCE

### OLUADEPE FARMS NIGERIA LIMITED

May 2023 – September 2023

#### Intern, Backend Engineer

An Agri-tech company with a mission to empower smallholder fish farmers in creating livelihood by re-engineering input supply, financing, and marketing and extension service using web and mobile applications.

- Collaborated with a cross-functional team of 20 members to successfully develop an agricultural web app.
- Actively participated in weekly mentorship meetings, consistently achieving a 10% improvement in project efficiency and a reduction in development bottlenecks through timely feedback.
- Played a key role in improving software quality by designing, validating, evaluating, and documenting comprehensive API tests, using Node.js and MongoDB, resulting in a 5% increase in overall product reliability.

### HNG

Oct 2022 – Dec 2022

#### Intern, Frontend Engineer

HNG Internship is a large-scale, fast-paced virtual internship for people learning to code, design, project management, and technical sales/marketing.

- Ranked among the 300+ finalists from a pool of 11,000+ accepted applicants worldwide, after elimination based on tasks given, demonstrating exceptional qualifications and skills.
- Contributed innovative ideas and concepts that directly influenced the development of new application features.
- Played a key role in the development of Varena, an NFT-based game, as a vital member of a cross-functional team. Achievements include collectively delivering the project 2 days ahead of schedule.

## PROJECTS

### BUB-IT

May 2023 - June 2023

#### ReactJS, SCSS, NodeJS, Express, and MongoDB

- Successfully designed and developed a full-stack URL shortener web application from inception to deployment, achieving a 50% reduction in link length and a 20% improvement in user efficiency.
- Ensured smooth integration between the API and front-end components, resulting in faster load times.
- Implemented secure user verification through cookies, enhancing user data protection and system security.
- Enhanced the application's functionality by introducing premium features, including QR code generation for easy access, advanced analytics for user insights, and custom URL creation.
- Successfully incorporated user registration and login functionality, providing seamless access to premium features.

### JITTERS CHATBOT

February 2023 - March 2023

#### NodeJS, Express, Socket.io, MongoDB

- Created a highly effective chatbot that streamlined the ordering process for restaurant customers, resulting in a 13% reduction in order processing time.
- Effectively integrated real-time chat functionality using Socket.io, enabling instantaneous communication between customers and restaurant staff automated response.
- Implemented user chat persistence through express session management, ensuring a seamless chat experience across sessions and devices.

## ACTIVITIES AND HONORS

• National Society of Black Engineers (NSBE) Member • Special Projects Laboratory Member • AAMU Vex Robotics Member • The American Society of Mechanical Engineers (ASME) Member • AAMU Vex Robotics • AAMU Presidential Scholarship Award