

Zainabu Malabu

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EDUCATION

AMERICAN UNIVERSITY OF NIGERIA

Bachelor of Engineering (B.Eng) Computer Engineering

- **GPA:** 3.75
- **Relevant Coursework:** Computer Architecture and Organization, Principles of Programming with Python, Object Oriented Software Construction, Systems Programming, Digital Electronics
- **Awards & Honors:** Deans List, AUN Honor Society.
- **Extracurricular Activities:** IEEE

TECH SKILLS

Languages: JavaScript, Python, Java, HTML/CSS

Technologies: Tailwind CSS, TensorFlow, p5.js, React, Node, Express, MATLAB, Figma, Git

WORK EXPERIENCE

SOFTWARE INTERN

American University of Nigeria, Jan 2022- May 2022

- Worked as a software developer intern to digitize staff exit clearance using Python, PostgreSQL.
- Created requirement documents and UML diagrams to facilitate project.

PROJECTS

4.0 GPA CALCULATOR

Personal Project ([link](#))

- 4.0 GPA Calculator using JavaScript which helped to thoroughly understand DOM and also, arrays as a data structure in JavaScript.

MOTIVATIONAL QUOTES GENERATOR API

Personal Project ([link](#))

- Implemented a RESTful API for a quotes database using the Node and Express framework. This improved understanding of client-side architecture and HTTP requests.

MOODBOARD

Personal Project ([link](#))

- Full-stack chat application with React and Material UI for front-end and Firebase for authentication, storage and database.
- Allows users to create login, post posts, comment on posts. Users can view each other's profiles and delete posts.

EXTRACURRICULAR/ LEADERSHIP EXPERIENCE

IEEE (AUN CHAPTER)

President, Nov 2020 - Present

- Coordinated programming workshops for 20 beginner level students who leveled up to intermediate/advanced.
- Initiated a STEM Outreach Program with the purpose of inspiring and educating high school students (especially girls) in the community to pursue careers in STEM.

STUDENT GOVERNMENT: DIRECTOR FOR ACADEMICS (SCHOOL OF ENGINEERING): *Fall 2021 – Spring 2022*

TUTOR AT MATHCENTER: UNIVERSITY ALGEBRA: *Fall 2021*

FIELDS OF INTEREST: Artificial Intelligence **and** Creative Coding.

