Zainabu Malabu

[LinkedIn](#) • [GitHub](#) • [Website](#)

EDUCATION

Bachelor of Engineering in Computer Engineering   *Expected May 2024*

American University of Nigeria

- Overall GPA: 3.76/4.0
- Relevant Courses: Object-Oriented Design, Computer Architecture and Design, Systems Programming, Data Structures and Algorithms.
- Awards & Honors: Deans List, AUN Honor Society

TECH SKILLS

Languages: JavaScript, Python, SQL, HTML, CSS, Java

Technologies/Libraries: Node, React, PostgreSQL, Pandas, Matplotlib, ScikitLearn, Seaborn, TensorFlow

EXPERIENCE

Galaxy Backbone – Network Security Intern   *Jan - June 2023*

- Automated mail software backup using Ansible
- Carried out regular checks and updates on mail policies and protocols
- Collated weekly reports on mail software on Excel

American University of Nigeria (AUN) – *Software Intern*   *Jan - May 2022*

- Worked as a software intern for the IT Department of AUN as part of the Presidential Internship Program.
- Built a staff exit clearance module for the ERP system using Python and PostgreSQL which led to an 85% increase in efficiency of staff exit process.
- Collaborated in team to create requirement documents and UML diagrams to facilitate building of module.

PROJECTS

Motivational Quotes Generator API – *[Personal Project](#)*

- Implemented a RESTful API using Node/Express for a quotes database.
- The purpose of the project was to strengthen the knowledge of HTTP requests and client-server architecture

Studybud – *[Personal Project](#)*

- Built and designed a study application using React, Tailwind and Firebase.
- The app comprises of To-do which is a CRUD app, Pomodoro Timer and GPA Calculator to serve as a one-stop for effective studying.
- Improved comprehension of database querying and React Hooks was accomplished.

Breast Cancer Classification using Machine Learning – *[Personal Project](#)*

- Performed exploratory data analysis and data visualization of breast cancer data.
- Classified cells as malignant or benign using various machine learning models (SVM, Logistic Regression, Naive Bayes).
- A deeper knowledge of classification algorithms and their application in healthcare was understood.

YONKI Abuja – *[Website](#)*

- Built a functional CMS website using Webflow.

LEADERSHIP / VOLUNTEER EXPERIENCE

IEEE (AUN CHAPTER) – *Chairperson ([link](#))*

- Initiated a STEM Outreach Program with the purpose of inspiring and educating secondary school students in the community to pursue careers in STEM. The program included programming workshops and seminars for secondary school students around Yola.

AUN MATH CENTER– *Tutor*

- Gave in-person teaching to assist students with performance for weekly exams, midterms etc.
- Prepared monthly reports from student surveys to access performance and discover areas for improvement.

INTERESTS: Videography/Photography, Physics and Formula 1