

Zainabu Malabu

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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, Linear Algebra, 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, MySQL, Pandas, Matplotlib, ScikitLearn, Seaborn, TensorFlow

EXPERIENCE

American University of Nigeria – *Software Intern*

- Built a staff exit clearance module for the ERP system using Python and PostgreSQL which digitized the clearance process which was previously physical
- Collaborated in team to create requirement documents and UML diagrams to facilitate building of module.

PROJECTS

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

- Used Node and Express framework to implement a RESTful API for quotations database.
- Strengthened the knowledge of HTTP requests and client-server architecture

Studybud – [Personal Project](#)

- Study application which comprises of To-do app, Pomodoro Timer and GPA Calculator. Built using React and Firebase.

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). Strengthened knowledge of classification algorithms.

LEADERSHIP / EXTRACURRICULARS

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 assess performance and discover areas for improvement.