

EMMANUEL MUSA YAKUBU

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EDUCATION

African Leadership University,
BSc. Software Engineering

Kigali, Rwanda

CGPA: 4.45

September 2022 – February 2026

Relevant Coursework: Software Design and Architecture, Object-Oriented Programming, Data Structures and Algorithms, Machine Learning and AI, Software Project Management, Web Development

SKILLS

Software: (proficient): **Python, Django, Flask, JavaScript, TensorFlow, pandas sci-kit-learn, HTML/CSS, Linux, Git, SQL**
(familiar): **Matlab, Go, R, ReactJS**

RELEVANT EXPERIENCE

Nigeria-Rwanda Friendship Club - Web Developer | Kigali, Rwanda

February 2023 - May 2023

- Spearheaded the development of a full-stack website for the Nigeria-Rwanda Friendship Club, fostering connections between Nigerians and Rwandans.
- Reduced unauthorized access by 40% by implementing a comprehensive user authentication system
- Increased cross-cultural interactions by 25% by integrating real-time language translation features.
- Leveraged knowledge in Git, Python, Django, and Cpanel and debugged using Chrome Developer Tools

PROJECTS

Personal Website: see [Portfolio](#) for additional information and projects

Play with TOCA - Backend Developer | Team of 3

[Github](#)

- Established enhanced user security by using Django's built-in authentication system
- Collaborated with frontend developers using Git for version control
- Conducted thorough testing and debugging to identify and fix bugs
- Leveraged knowledge in Git, Python, Django, and JavaScript

Sentiment Analysis Project

[Github](#)

- Developed a sentiment analysis model using Python and natural language processing libraries.
- Achieved an accuracy rate of 85% on a test dataset of 500,000 social media comments.
- Utilized the Roberta Pretrained Model to classify customer reviews into positive, neutral, and negative sentiments.
- Improved model performance and reduced noise in sentiment predictions by conducting comprehensive data preprocessing.
- Leveraged knowledge in Python, Numpy, Sci-kit learn, Data Science, Jupyter Notebook

Car Price Prediction

[Github](#)

- Developed a car price prediction model using machine learning algorithms.
- Achieved an accuracy rate of 80% in predicting used car prices.
- Increased prediction accuracy by 5% by conducting cross-validation and hyperparameter tuning.
- Cleaned and engineered the data and derived meaningful insights to make the predictions more accurate.
- Leveraged knowledge in Python, Numpy, Data Science, Jupyter Notebook

ADDITIONAL EXPERIENCE

Chess Tutor - SuperProf

[Superprof Ad](#)

January 2020 - present

Chess Youtuber - ChessSafari

[Chess Safari - YouTube](#)

June 2023 - present

AFFILIATIONS & INTERESTS

Member | ALU Chess Club | African Leadership University

September 2022 - present

Member | Google Developer Students' Club | African Leadership University

September 2022 - present

Volunteer | Christian Life Assembly | Kigali, Rwanda

January 2023 - present

Interests: Chess, Piano, Robotics, Music Production