

# EMMANUEL MUSA YAKUBU

Kigali, Rwanda | +250791955885 | [begati16@gmail.com](mailto:begati16@gmail.com) | [LinkedIn](#) | [Github](#) | [Portfolio](#)

## 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