

SUMMARY

Motivated by the significant gap in data acquisition and utilization across various sectors in Rwanda and other developing countries, I am actively pursuing a career in Data Science. Currently enrolled in a three-semester master's program in Electrical and Computer Engineering at CMU-Africa, I have acquired a diverse skill set essential for data analysis and machine learning. Throughout my coursework, I have developed proficiency in handling different data types and manipulating datasets using Pandas. Additionally, I am adept at performing mathematical operations using NumPy and visualizing data with Matplotlib. My training includes implementing linear and non-linear models using Scikit-learn, as well as processing image datasets using OpenCV, TensorFlow, Py torch, and SciPy. Recognizing the need to consolidate and further expand my skills, I am concurrently enrolled in the Google Advanced Data Analytics course, slated for completion by July. I am eager to integrate these competencies and contribute effectively in a dynamic data-driven environment.

EDUCATION

Master of Science in Electrical and Computer Engineering

Carnegie Mellon University Africa

Location: Kigali, Rwanda

Specializations: Applied Machine Learning

From July/2023

To May/2025

Bachelor of Science in Electrical Power Engineering

University of Rwanda College of Science and Technology

Location: Kigali, Rwanda

Specializations: Renewable Energies

From November/2017

To January/2021

PROFESSIONAL EXPERIENCE

Photovoltaic System Designer

Mighty engineering company ltd

- I Designed the 110-layout scope of work projects.
 - I Designed the 30-CAD catalogue projects of home solar installation.
- Both in the states of Rhode Island, Massachusetts, New York, Vermont and Connecticut.

From March/2023

To July/2023

Electrical Maintenance Engineer

University Of Rwanda College of Medicine and Health Science

- I supervised and worked on the repair of the 60 offices, 4 dormitories, 2 libraries, 2 large smart classrooms.
- I designed and implemented the installation of nine rooms in the new dental clinic building and participated in upgrading of the microbiology laboratory and dental workshop.

From May/2022

To March/2023

SKILLS & CERTIFICATIONS

- Programming and data analysis tools, including Python (Pandas, NumPy, Matplotlib, Scikit-learn, SciPy, TensorFlow).
- Leadership skills

INTERESTS & ACHIEVEMENTS

I am currently serving as the Social Affairs Minister at the University. In the two months of my one-year term, I have achieved doubling the number of students contributing to the student's fund by persuasion and enhancing the communication mechanism, from 25 to 59 out of 317 students.

