

## 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

<b>Master of Science in Electrical and Computer Engineering</b> <i>Carnegie Mellon University Africa</i> Location: Kigali, Rwanda Specializations: Applied Machine Learning	From July/2023 To May/2025
<b>Bachelor of Science in Electrical Power Engineering</b> <i>University of Rwanda College of Science and Technology</i> Location: Kigali, Rwanda Specializations: Renewable Energies	From November/2017 To January/2021

## PROFESSIONAL EXPERIENCE

<b>Photovoltaic System Designer</b> <i>Mighty engineering company ltd</i> <ul style="list-style-type: none"> <li>I Designed the 110-layout scope of work projects.</li> <li>I Designed the 30-CAD catalogue projects of home solar installation.</li> </ul> Both in the states of Rhode Island, Massachusetts, New York, Vermont and Connecticut.	From March/2023 To July/2023
<b>Electrical Maintenance Engineer</b> <i>University Of Rwanda College of Medicine and Health Science</i> <ul style="list-style-type: none"> <li>I supervised and worked on the repair of the 60 offices, 4 dormitories, 2 libraries, 2 large smart classrooms.</li> <li>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.</li> </ul>	From May/2022 To March/2023

## SKILLS & CERTIFICATIONS

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

## SOCIAL NETWORKS

- GitHub: [Vital-Ahishakiye](#)
- LinkedIn: [Vital Ahishakiye](#)
- Portfolio: [Portfolio \(vital-ahishakiye.github.io\)](#)

## 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.