

Valentine Ihogoza

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SUMMARY

A software engineer with a strong interest in software engineering, data science, machine learning, cyber security, critical thinking, and decision-making for solving global business problems especially African. I quickly adapt to change, a flexible worker will benefit the company significantly in the world where technology is growing by leaps and bounds. In addition to that, I am a quick learner, obedient, ambitious, and conscientious. You will not regret hiring me; I never laid down a person who trusted me.

EDUCATIONAL BACKGROUND

Master of Science in Information Technology

2022-2024

Carnegie Mellon University Africa

Specialization: Data science, Applied Machine Learning and Cyber Security.

Bachelor of Science in Information Technology

2018-2022

Adventist University of Central Africa

Major: Software Engineering

PROFESSIONAL EXPERIENCE

Teaching Assistant

Carnegie Mellon University Africa

2023-2023

- Worked as a graduate teaching assistant in the Advanced Database Management System.
- Covered Relational databases, active databases, transaction systems and concurrency control, distributed databases, SQL and NoSQL.
- Played a role in teaching, preparing course syllabus, assignments and grading them.

Adventist University of Central Africa

2023-2023

- Worked as a teaching assistant in the Advanced Database Management System course in the Big Data Analytics master's program at AUCA.
- Covered Relational databases, active databases, transaction systems and databases for big data.
- Played a role in preparing assignments and grading them as well as teaching.

Intern

Carnegie Mellon University Africa

2023-2023

- Worked as a Research Assistant graduate summer intern at Carnegie Mellon University Africa.
- Worked on a research project named Online Health Information.
- Used a Machine learning technique - topic modeling to identify what pregnancy information

available in Kinyarwanda.

Klab startups academy

2021-2022

- Worked on ISUZUME; an application which offers easy management and sharing of health records between doctors and patients. Worked on the backend of the application.
- Worked on ChildTech; an e-learning application which helps children to learn Tech courses especially robotics courses. Designed mostly for the children with interest in technology. Did the backend of the application.
- Pitch presentation preparation and pitched before the Minister of ICT in Rwanda.

Coach

2019-2019

Code+Design Camp

- Got trainings in designing using Figma and thinkable programming language. Designed E-Vent application. The application helps the users to know the events happening around and book for the one they are interested in.
- Selected as a coach leader, coaching people from different universities the knowledge we gained from the trainings.
- Led the graduation of the third cohort preparation team.

SKILLS

- **Programming:** Intermediate -Java,proficient - Python(Django , Numpy, Sklearn, Scipy, Pandas), SQL, NoSQL, Shell Scripting, C/C++ - Basic.

INTERESTS & ACHIEVEMENTS

- Earned Python3 Certificate of completion from Code Academy.
- Participated in Tech Upskill program at 250Startups and Klab startups academy, where we were working on real life projects and earned a certificate of completion.
- Participated in Code+Design camp as a train and then as a coach and earned a certificate.
- Earned Machine Learning: Natural Language Processing in Python certificate of completion from udemy.

