AIMABLE ISHIMWE MANZI

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· Kigali, Rwanda ·

My career goal is to master the applications of machine learning to health care, banking and agriculture sector and to become a key element of in providing solutions for worlds general challenges by translating large datasets.

EDUCATION

2019 - 2020
AFRICAN MASTERS IN MACHINE INTELLIGENCE (AMMI)
AFRICAN INSTITUTE FOR MATHEMATICAL SCIENCES (AIMS), RWANDA
Under a Facebook & Google scholarship.

Project: "Unsupervised learning on audio data from the Madagascar rainforest"

2018 – 2019
MASTERS OF SCIENCE IN MATHEMATICAL SCIENCES
AFRICAN INSTITUTE FOR MATHEMATICAL SCIENCES (AIMS), RWANDA
Project: "*Modeling Seasonal fishing in Rwandan Lakes*"

2014 – 2018
BACHELORS IN COMPUTER AND SOFTWARE ENGINEERING
UNIVERSITY OF RWANDA (UR), RWANDA
Project: "*Car accident avoidance using micro-controllers*"

EXPERIENCE

SEPT - NOV 2021
ISHANGO FELLOWSHIP PROGRAM
Under Philip Morris International as a host company patterned with African Institute for Mathematical Sciences – Next Einstein Initiative (AIMS – NEI)

Project: "Automated identification of Tobacco fields and yields in Malawi and Mozambique as case study**".**

JUN – NOV 2021
INTERNSHIP PROGRAM AT RWANDA ENVIRONMENTAL MANAGEMENT AUTHORITY (REMA) PARTENERED WITH AFRICAN INSTITUTE FOR MATHEMATICAL SCIENCES – NEXT EINSTEIN INITIATIVE (AIMS – NEI).
Project: "Development of macro excel for Lake Kivu Monitoring Program (LKMP) data analysis"

AUG 2020 – AUG 2021

PART TIME TUTOR FOR DATA SCIENCE AT TRIPLEX DATA HUB LTD

Nairobi - Kenya.

Training Computer Vision module to citizens from different field like finance, law, and so fourth with Python programming language

PARTICIPATIONS

JUN 2018

CISCO CERTIFIED NETWORK ASSOCIATE (CCNA ROUTING AND SWITCHING)

IT essentials, Routing and Switching (Connecting and scaling networks)

NOV 2016

IEEE TRAINING ON SOLAR CELLS AND LED'S

Theory, design and implementation for sustainable electricity generation and lighting.

SEP 2012

RWANDA SCIENCE COMPETITION ORGANIZED BY KOICA AND MINEDUC

Second science competition organized by the Korean International Cooperation Agency (KOICA) and the Rwandan Ministry of Education (MINEDUC).

VOLUNTEERING

OCT 2014 – JUN 2018

RED CROSS

UNIVERSITY OF RWANDA

Emergency mitigation and recovery position, Emergency first aid kit management, respiratory problems.

OCT 2018

MATHEMATICAL CLINIC AND TEACHERS' TRAINING

OLYMPIAD TRAINING

Lectured mathematics courses to high school students and teachers.

JUN 2018 – JUN 2019

UN IVY STEM CONNECT

The UN IVY STEM CONNECT program is a tripartite partnership between 8 IVY League Schools in the USA, AIMS Rwanda and Lycee de Kigali, a public secondary school in Kigali, Rwanda. The program was initiated by the UN Girls' Empowerment Initiative. The objective of the program was to encourage secondary school girls to pursue STEM subjects and –perhaps- a career in STEM by providing Youth led mentorship to girls in secondary schools.

JUN 2019 – JUL 2019

BIG DATA FOR DEVELOPMENT INNOVATION PROGRAM DESIGN THINKING TRAINING

The BD4D Innovation Program aimed to support emerging young African data scientists in generating innovative solutions that leverage new and non-traditional sources of data to address development challenges on youth employment, financial inclusion and food security.

SKILLS AND INTERESTS

- Computer Skills: Computer networking, user of Microsoft packages (Word, PowerPoint, Excel and Publisher), HTML, CSS, PHP, Python programming, R programming, Latex, and more.
- Personal Skills: Problem solving, good communicator, enjoys teamwork, self-motivated and hardworking, integrity, analyze & interpret.
- Language: English (fluent), Kinyarwanda (native) and French (Proficient).

REFERENCE

- Prof. Blaise TCHAPNDA
  Academic Director
  African Institute for Mathematical Sciences (AIMS)
  Kigali, Rwanda
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