

Marc Mphatso Kampira

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Profile

I am a trainable, fast learner, self-starter biomedical Engineer that works best in an intercultural team. I have a passion to excel in what am doing and work effectively under well-articulated employers' principles. I have a keen interest in high-tech innovations, environmental protection, quality education, computer programming, AI, machine learning, android application development, website development, and circuit design. Currently, I am the managing Director for Dream Code Company in Malawi as well as executive Director for Focus on Developing Mother Africa (FODEMA).

Skills

- Public Speaking
 - Excellent communication skills
 - Environment advocate
 - Mobile app development
 - Project management
 - PowerPoint Designer
 - Women advocate
 - Website development
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Education

Malawi University of Science and Technology (MUST)
Bachelor of Engineering (Hons) in Biomedical Engineering
2016 - 2021

- Studied different modules including Physics, Environmental Management, and Electrical Circuits.
- Achievements:
 - Awarded MIE Certificate for obtaining a distinction in First Year by Malawi Institute of Engineers (MIE): MUST Chapter (May 2017)
 - Developed understanding of Engineering and Environmental Science

2012 - 2015 Ndirande Hill Secondary School. Malawi School Certificate of Education (MSCE)

- Achievements:
 - Awarded Distinction Certificates in Physical Science and Computer.
 - Developed English and IT Skills
 - Improved speaking, listening, reading, and writing skills
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Experience

Executive Director – Focus On Developing Mother Africa (FODEMA)

November 2021 – Present

- One of the directors of the young upcoming organization.

Make It Bright (MIB) Local Competition winner

June 2021 – December 2022

- Won an award for making Jti Emissions Monitoring System

Jti Malawi Graduate Trainee.

June 2021 – December 2022

- Successfully worked for the company as a programmer and a designer.

IoT project innovator – Drone Emissions Monitoring System.

June 2021 – December 2022

- Successfully developed a working IOT based Emissions Monitoring system.

Machine Learning Programmer – Bird Sound Recognition System

March 2021 – June 2021

- Covered the first phase of the project.
- Successfully written a project concept note.

Android App Developer – Hypertension Patient Monitoring System (HPMS)

August 2020 – Present

- Successfully developed a working Android App
- Successfully linked the Android App to database
- Mentored by **Dell Technologies** on Machine Learning, project presentation and Internet of Things (IOT)

Project manager – Remote Control Solar Powered Irrigation System

May 2021 – Present

- Trained on Entrepreneurship skills by CAT and Standard Bank
- Successfully worked as part of a team with colleagues

Rapporteur – Malawi 2063 Biodiversity Conference

- attended and documented a three-day conference organized MUST, KuHeS and MUBAS

Machine learning programmer - Malawi2021 machine learning Biodiversity and National Heritage

- attended 2021 IndabaX Malawi organized by MUBAS, IndabaX and Zindi

First-year C++ trainer

September 2018 – Present

- Ensured that MUST first-year students have practical basics of C++
- Provided useful programming tips
- provided C++ tutorials

Temporary Secondary Computer Teacher– Palma Secondary School

June 2016 – May 2019

- Helped form 3 and four students with basics in computer studies
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Interests

- Volunteerism – RICE-3600 Institute for Global Health and MUST
 - worked on COVID 19 Projects
 - keen interest in human-centered design
 - Deep Learning
 - Environmental activism (Climate resilience)
 - Agriculture activities.
 - Entrepreneurship
 - Maintenance of Medical Devices
 - High-value innovations in Global Health Technologies.
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References

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