

AUSTINE WANJALA

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Personal Details

- Date of Birth : 19/05/2003
- Marital Status : Single
- Nationality : Kenyan

Education

- **Kenya Methodist university** 2021-2024
BACHELOR S DEGREE OF MATHEMATICS AND COMPUTER SCIENCE
Second Class upper division GPA 3.05
- **ST THERESA'S SECONDARY SIKHENDU** 2017-2020
HIGH SCHOOL
B
- **HIGHLIGHT ACADEMY** 2009-2016
PRIMARY
369

Achievements & Awards

- First runners up at the annual Meru National show 2023 : Won an award as the second best innovative solution with a project on the crop pest detector and automated smarthome
- NATIONAL RESEARCH FUND Hackathon 2024 : I attended and participated the 2024 hackathon as a hackathon presenting a project on WhatsApp chat bot that aids in questions on cyber security

Career Objective

To exploit fully my professional skills and abilities with any organization towards achieving it's set goals and further my professional development.

Value Statement

- I value competence, integrity and accountability since in action is a prime problem facing many organization and individuals. Accordingly, I will practice professionalism and cultivate the qualities of self-awareness, self-regulation and inner motivation. And also, to apply principles of integrity in duties entrusted to me

Career Purpose

- To work in an organization that will offer me dynamic opportunities and challenges that will enable me to utilize effectively, the skills and knowledge I have acquired in learning and professional work experience in order to competently diligently deliver in my working environment in line with the organizations goals and objectives.

Experience

- **MIBS COLLEGE** 1st November 2023 - September 2024
TRAINER
 - Guided the student in Android programming levels between the stated time to completion
 - Guided the students in web development

- Wep application development
- Backend development with java
- Mobile application development

- **NHIF MERU BRANCH**

02/05/2024 - 02/08/2024

Attachee

- Data entry and management of hospitals data
- Computer formatting and maintenance
- Knowledge of Management information systems ie Biometrics
- Knowledge on Sql and databases
- Managed the network hardware configurations and maintenance
- Knowledge on PC remote controllers like anydesk

Leadership Experience

- **Innovators president, Kenya Methodist university**

As the president of the Innovators Club in Kenya Methodist University I foresaw the programs that aimed at improving the practical experience of the students from the school of science and technology within the university. During my time as the president, the team collaboratively innovated the SMART agriculture system to help farmers curb the challenge brought by the global climate change.

- **Church Youth Leader**

Apart from being involved actively in the academic and research environment, I'm also involved in the societal growth as the vice Secretary of the youths in Presbyterian Church of East Africa, Ruanguene in Meru County

- **Students Representative Class of 2021**

I was selected as the representative of the class of 2021 students from the Pure and Applied Science department in Kenya Methodist University. In collaboration with the various departments, I ensured that the students complaints and issues have been attended to at departmental level. This made me to learn how to interact with diverse groups of people, departments and lecturers. During my time, there was a 50% increase graduation rate from the department of pure and applied sciences.

Voluntary Experience

- **Feeding Street Children, Meru**

This is a program that was launched in Kenya Methodist University by the innovators club. Being the chairperson of the club, I spearheaded these activities to feed street children in Meru county.

- **Innovators Club, Mentorship**

During my stay in Kenya Methodist University, I was the president of the innovators club which was essential in helping students within the university to sharpen their skills and help them to come up with ideas that are essential in the institution as well as the community. During my time as the president, we came up with a system for Smart Agriculture that is essential in Irrigation.

- **Visiting Homes For The People With Disabilities**

Disability is not inability. During my stay in Kenya Methodist University, we visited homes around Meru to create a touch and a sense of belonging within the community. We achieved this by making visitations

Skills

- Good programming skills
- Proficient in android development
- Proficient in java,python,html,css,php and JavaScript
- Proficient in web development
- Computer hardware and software maintenance
- Proficient in Structured Query language and python
- Computer hardware and software configuration
- Networking
- Database development and management
- Good reporting and communication skills

Projects

- **Trend safety Kenya mobile application**

The above project was being developed as part of the learning qualifications for a conferment of degree in

computer science. It's an ecommerce system that allows online shopping of PPEs.

- **AUTOMATED WAREHOUSE AND FARM**

I was among the students who participated in the Meru ASK during the annual agricultural show that won the best presentation in the category of innovation. It's an AI-driven project that offers solutions to problems of drought and also offers advanced security to crops warehouse.

- **Crop pest detector**

The project offers a solution and control mechanism in dealing with crop pest. The system automatically detects a crop disease, using a web cam where a picture is taken and uploaded to the system and automatically the disease is detected and solutions to the disease are provided. I was part of the team that presented the project during the 2023 Mount Kenya Symposium at Kenya Methodist University.

- **Chamachain**

A web application presented at the ImpactPlus Hackathon at Parklands Nairobi in September 2024. The system enables small SACCOs and local CHAMAs to use Mpesa services to contribute, use Blockchain and smart contracts in loans management. The system automatically keeps the records digitally in an electronic database.

Interests

- Research
- Innovation
- Technology
- Coding

Activities

- CSR feeding of street children in Meru town
- Visiting of children home of Kithoka Children's Home
- President Innovators Club Kenya Methodist University

Languages

- Kiswahili
- English

Reference

- **David Kaje - Kenya Methodist University**

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- **Erastus Chege - MIBS College**

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