

## About Me

I am a strategic thinker and motivated individual with problem solving and teamwork as my core competencies with a great attention to detail and creating products with good user experience leading to product growth. My mission is to discover new ways of human/technology collaboration, making sure every voice is heard.

## My Experience

May 2023 - DEC 2023

### Machine Learning Engineer

I developed a machine learning system using logistic regression algorithm and history Soil data from KALRO for a fertilizer recommendation system as part of my final year project. The project was done using python language and its lightweight flask framework. The project also incorporated IOT where I used sensors, wifi module and the arduino board for data collection which then relies on the algorithm to predict the right fertilizer.

Aug 2022- Jan 2023

### Open source contributor

#### Omdena/Nairobi local chapter

Selected as one of the 51 contributors to work remotely on a project titled 'Using AI/ML to tackle climate change'. I collaborated in data cleaning, transformation and visualization of the research data collected. We created and hosted the models. I used python language and its modules and packages in the process.

Aug 2022- October 2022

### Open source contributor

#### Omdena/Nairobi local chapter

Selected as one of the 51 contributors to work remotely on a project titled 'Using AI/ML to tackle climate change' I helped in providing research papers, reading and creating a synopsis for the machine learning engineers to work on the valuable data in creating models.

Aug 2023- October 2023

### Software developer

I collaborated with my class group in creating a school clearance system for university students using python-django framework. We are currently thinking of how to add security in the system using cryptographic techniques such as digital signatures to enhance security of the system.

MARCH 2022

### IT Support specialist

#### ECOBANK UPPERHILL BRANCH

Attended a Job shadow opportunity courtesy of Junior Achievement Kenya and Kenya Bankers Association as an IT support specialist.

## My Skills

- Design Thinking and Human computer interaction
- UX Qualitative research.
- Wireframing, prototyping and system design
- Leading teams ,collaboration and teamwork
- Coding in python and using its frameworks such as Django and flask.
- Communication and public speaking skills
- Very comfortable using figma as a design tool
- Using python to do machine learning, and data science.
- I have experience in using mysql and oracle databases.

## My Education

2018-2023

Jomo kenyatta University of Agriculture and Technology

### BSC

Business Computing

MAY -AUG 2022

Microsoft UI/UX Bootcamp

### BOOTCAMP

APRIL-AUG 2022

Google UX Design Specialization

Aug - Dec 2021

Google IT Support Specialization

SEP 2023

Google Backend specialization- Python

JAN-DEC 2023

### POWER LEARN PROJECT

Web development certification

SEP-DEC 2022

### Millenium campus Network

Advancing SDG numbr 3 on good health and welll-being certification