



Affiliation: Jomo Kenyatta University of Agriculture and Technology, School of Computing and Information Technology, Department of Computing

Specialization: Computer Science

Research Interest: Artificial Intelligence, Data Science and Software Development

Goal: Technology for building the resilience of communities

CURRENT RESEARCH INTEREST AND ONGOING PROJECTS

Jenga School

An Artificial Intelligence (AI) program for creating the next generation of AI, Machine learning (ML) and Data scientists who are passionate about data and willing to develop data science and AI solutions. Funded by ImpactAfrica.

Sensors in Agriculture Project

This project aims at increasing efficiency in food production by providing farmers with relevant information using sensors. Such information is needed as farmers have limited resources (seed, water, fertilizer, pesticides, human power) and are always in doubt in which location and when they should supply these resources. Small scale farmers who have limited resources, are the most in need of this kind of information. The project aims at gathering spatial information from various sensors such as drones, temperature, and humidity sensors and so on. This solution offers an opportunity to obtain information outside the visible range and can therefore detect information hidden from the human eye. The first part of this project was funded by the Embassy of France in Kenya. The second part is pushing for the self-sustaining aspects of the project.

