STEPHEN MWANGI MAINA

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Knowledgeable, hard-working and technology passionate university student working towards a Bachelor of Science in Mechatronics Engineering at Dedan Kimathi University of Technology. Possess great technological expertise, well-developed communication skills, public speaking skills and ability to perform well in a team. Presently looking for any Software Development, Embedded systems, IOT and Robotics related internship to learn and grow my skills further.

EDUCATION

Bachelor of Science in Mechatronics Engineering
Dedan Kimathi University of Technology, Kenya, Nyeri

Expected Graduation May 2025

- **2020 – present**
- **Relevant Coursework**: Mechatronics Systems Programming , Digital Electronics, Programming 1and Circuit theory.

Kenya Certificate of Secondary Education
Nyahururu High school, Kenya, Nyahururu

- **2016-2019**
- **Mean Grade:** A-

RECENT PROJECTS

Hand Signal Bases Car movement control
Control of a car based on hand signals to manoeuvre to where the hand signal is and avoid obstacles.

Presently

Traffi-Ai

October-November 2022

Using a microcontroller to get data from Digital Number pates and a LoraWan network to feed a model data to control traffic Lights in a city thus efficient city traffic management. Ranked top 11 at Mount Kenya Innovation Week expo.

RELEVANT SKILLS

- Python programming
- Embedded C programming
- Adept with Microsoft Office Suite
- Basic frontend web-design
- Research