GARETH
KIPKOECH
Mechatronic engineering student

About Me

I am enthusiastic about robotics and renewable energy and how they can be used creatively to better our quality of life. I adopt a student mindset in always striving to learn from those who are more skilled than me.

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📍 Juja, Kiambu

Skills

- Microcontroller programming
- CAD/CAM
- Welding
- Electrical Installation
- Critical Thinking
- Basic Machine Learning

Language

English

Kiswahili

Education

Jomo Kenyatta University of Agriculture and Technology (J.K.U.A.T)
Bachelor of Science Mechatronic Engineering
2021-2026

Moi High school - Kabarak
Kenya Certificate of Secondary Education(K.C.S.E)
2017-2020
Grade - 78 points (A-)

Experience

FreeCodeCamp   **January 2022 - present**
Online community

I joined the community via youtube and learnt different programming languages such as python, C ,C++ and Java. Currently I am learning Machine Learning and how it can be applied to the real world through image recognition, self driving vehicles and many more applications that I hope to make a reality.

Novatech Engineerics   **August 2023 - 1 month.**
Nairobi-Kenya

I enrolled in a 4 week training programme where I learnt the basics of automation, Internet of Things and hardware programming using Arduino Uno and ESP 2286 microcontrollers.

J.K.U.A.T internal attachment   **June 2023-July 2023 (2 months)**

During this 8 week training, I was able to familiarize with the various workshops in the school such as fitting, machine shop, motor vehicle,welding,wood working,plumbing,prototyping,construction and electrical machines workshops. Each workshop taught a different skills and this also enabled me to identify my areas of interest such as rapid prototyping.

References

Dr. Eng. Kabini Karanja
Chairman Mechatronic Engineenig J.K.U.A.T.
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Mrs. Shagari Kateiya
Teacher Moi High School - Kabarak
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