



ELECTRICAL AND ELECTRONIC ENGINEER

MAJIMBO ANYANGU MUKHUTSI

Profile

A young professional Electrical and Electronics Engineer passionate about emerging trends in the field, including Artificial Intelligence, Robotics, and Energy Transition. Committed to leveraging cutting-edge technology to drive innovation and sustainability for the benefit of humanity

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📍 Haile Selassie Avenue,
Nairobi, Kenya

Age : 24 years

Nationality : Kenyan



Skills

Technical Skills

- Proficiency in Google Sheets, Microsoft Excel, and PowerPoint.
- Contract and project management fundamentals.
- AutoCAD, and structured cabling.
- Troubleshooting and maintenance of electrical systems.

Soft Skills:

- Strong written and spoken English skills
- Dynamic and Rigorous
- Good interpersonal skills
- On-Site Engagement
- Problem solving



Hobbies

- Renewable energy
- Artificial Intelligence
- Martial Arts



Languages

- English - Mother Tongue
- French - Fluent
- Kiswahili - Bilingual



Professional Experience

Technicien - Salto Limited, Nairobi Kenya

10 March 2024-10 August 2024

Key Responsibilities:

- Install and configure ICT systems on construction sites.
- Conduct structural cabling in compliance with safety and quality standards.
- Collaborate with teams to meet project timelines.
- Optimize system layouts for improved efficiency.

Results:

- Enhanced ICT infrastructure efficiency across various construction sites.
- Delivered projects on time while maintaining safety and quality standards.



Education

École Nationale D'Ingénieurs De Tarbes (ENIT)

Exchange Program in General Engineering, specializing in Integrated Systems Design

09 Sept 2024 – 31 Jan 2025

Developed skills in industrial systems design, project management, and addressing environmental, social, and economic challenges.

Bachelor of Technology in Electrical and Electronic Engineering,

Technical University of Kenya (TUK) - Nairobi, Kenya

Specialised in Control and Automation Engineering.

Sept 2020 - August 2024

- Acquired skills in control, automation, analogue and digital circuit design electrical installation, motor commissioning, industrial wiring, and safety standards compliance.

Projects:

1. Design of Robotic Hand Using Nitinol (ENIT) - (Sept 2024 – Jan 2025)

- Key responsibilities include designing the robotic hand, modeling the prototype, and developing the electronic control system.

Results:

- Successfully created and validated the functional prototype.

2. Home Automation using Bluetooth (TUK)(Sept 2023 – March 2024)

- Designed and implemented a smart home automation system integrating IoT devices for lighting, heating, security, and entertainment.
- Developed control algorithms to optimize energy efficiency using automation and control system principles.

Results:

- Successfully enhanced home automation, improving convenience.

Extra curricular Activities

IEEE TUK CHAPTER MEBER;

- Attend events and webinars to stay updated on electrical engineering trends.
- Network with professionals and researchers to exchange knowledge and explore collaborations.