

MACKDONALD SHIWANI



Contacts

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Language

English

Kiswahili

Hobbies

Design

Photography

Sketching

Summary

A champion of best practice who is organized and also has skills in designing and researching on Electrical and Robotics programing and implementation.

Having skills in designing with AutoCAD, Robot Process Automation (RPA), PCB design, Drone design (remote control), Electrical installation, Programming with C language.

Experience

2022

Jan - March Electrical Engineer Trainee

At EPK Chemomi Estate, had a role in;

- ♦ calibration of weighbridge and PLC driven machine
- ♦ maintenance and servicing of machines
- ♦ Commercial electrical installation.
- ♦ Three phase motor servicing and rewinding.

2021

May-July Electrical Engineer Trainee

At EPK Kepchomo Estate. Had a role in;

- ♦ machine maintenance and servicing,
- ♦ lathe machine operation,
- ♦ motor servicing
- ♦ Commercial and domestic electrical installation

Skills

- ♦ ROBOTIC PROGRAMING AND IMPLIMENTATION
- ♦ ROBOTIC PROCESS AUTOMATION
- ♦ PCB DESIGN
- ♦ PLC PROGRAMMING.
- ♦ AUTOCAD DESIGN, COMPLEX DRAWINGS AND ARCHITECTURAL DRAWINGS
- ♦ DRONE DESIGN AND IMPLIMENATION (REMOTE CONTROL).

Achievements and Awards

- ♦ RPA certificate from Great Learning Academy.
- ♦ Automation engineering certificate from Heriot Watt University Dubai.
- ♦ Aeronautical engineering certificate from Heriot Watt University Dubai.
- ♦ Architectural engineering certificate from Heriot Watt University Dubai.

Education

2020-present

Institution: Chuka University

Course: Bachelor of science in Electrical
and Electronics engineering