

# JORAM MWORIA

ELECTRICAL AND AUTOMATION ENGINEER

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## SUMMARY

I am an Electrical and Electronic Engineering student in the last semester of my undergraduate studies. I am industrious, passionate about automation, I can work with minimum supervision and I am a person of integrity. I am also attentive to details, adaptive to new environment and a good team player. I am skilled in PLC programming, HMI and SCADA system design and programming and networking. I am also skilled in electrical installation works and designs.

## PROJECTS

- Design of a control logic and a HMI program for an industrial laminating machine cooling system for a remote client in Greece.
- Design of a display for a Modicon M172 embedded display for a heating and ventilation system for a remote client in New York.

## WORK EXPERIENCES

### ATTACHEE

**Kenya Electricity Transmission Company**

*January 2024 – April 2024*

- Substation monitoring and control through the SCADA system.
- Substation power transformer maintenance
- Circuit breakers maintenance and installation.
- Configuration of protection relay parameters.

### ATTACHEE

**Kenya Pipeline Company**

*January 2023 – April 2023*

- PLC and SCADA system operation and maintenance.
- Installation and maintenance of pipeline and pump instrumentation.
- Station equipment control through SCADA system.
- Networking– configuration, setting up new networks and maintaining the existing networks.
- Maintenance and installation of access control systems.
- Installation and maintenance of cctv cameras.

## EDUCATION

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### BSC ELECTRICAL AND ELECTRONIC ENGINEERING

Machakos university

2019- Date

## TRAINING

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### MECHATRONICS SYSTEMS ASSOCIATE- PLC PROGRAMMING

Siemens Training Center- Dedan Kimathi  
University of Technology

April 2024- May 2024

## PROFESSIONAL BODIES

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INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS(IEEE) - STUDENT MEMBER  
INSTITUTE OF ENGINEERS OF KENYA- STUDENT MEMBER

## SKILLS

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- PLC and HMI programming.
- SCADA system design and operation.
- Network configuration and operation.
- Electrical installation and designs.
- Machine learning- intermediate.

## REFeree

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