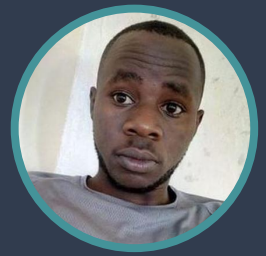


# kipruto duncan

## Electrical Engineer

Analytical Electrical Engineer, seeking to work in a challenging environment whereby I can leverage my skills, and knowledge in coordinating construction, installation, maintenance, documentation, and testing activities to ensure compliance with specifications, and customer requirements. Trained in working on PLC and SCADA.



✉ kiprutoduncan7@gmail.com

☎ +254705211468

📍 Kericho, Kenya

## EDUCATION

### Electrical and Electronic Engineering

Dedan Kimathi University

09/2015 - 05/2021

Nyeri, Kenya

#### Courses

- Power system Analysis
- Control Engineering
- Electrical installation
- Analogue electronics
- Energy Systems
- Circuit and Network Theory
- Digital electronics

## WORK EXPERIENCE

### Embedded systems freelancer

Freelance-fiverr

05/2021 - Present

#### Achievements/Tasks

- Design, develop, and maintain embedded systems in products.
- Tests systems regularly to eliminate potential issues, and provide system-level support working with cross-functional teams ( Mechanical, Software, Hardware, etc).
- provide subject Matter Expert level experience in Software & Hardware Integration.

### Electrical Engineer intern

Tegat Tea Factory

02/2019 - 05/2019

#### Achievements/Tasks

- Maintenance and servicing of various Electrical systems:
- Drups.
- Motor maintenance.
- Boiler maintenance.
- Factory lighting system.

## SKILLS

MATLAB

Autodesk

PLC SCADA

C++

Client Communication

Electrical Equipment Procurement

## UNIVERSITY PROJECT

Gate driver design for SiC MOSFET based converter with consideration of tradeoff between switching ringing suppression and switching loss

## ORGANIZATIONS

Dedan Kimathi University (09/2015 - 05/2021)

Student.

## CERTIFICATES

Engineering degree (05/2021 - Present)

## LANGUAGES

English

Full Professional Proficiency

Kiswahili

Full Professional Proficiency

## INTERESTS

Reading books

Travelling

Playing football

Watching innovative documentaries