# CLIFF ONDARI

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A self-driven, passionate electrical engineer with a knack for electrical systems design, product design and system automation.



**OBJECTIVE**

As a recent graduate in Electrical Engineering, I am poised to embark on a journey within the dynamic landscape of the Kenyan engineering industry. My passion lies in leveraging my technical expertise to craft innovative solutions that address the unique challenges faced by our society. Inspired by the Kaizen philosophy, I am committed to a path of perpetual growth and enhancement, continually pushing boundaries to refine my skills and contribute meaningfully to the advancement of our local engineering ecosystem. With a fervent dedication to excellence, I aspire to not only meet but exceed expectations, striving to become an indispensable asset in the pursuit of progress and sustainable development.



**EDUCATION & CREDENTIALS**

* Bsc. Electrical & Electronics Engineering| Jomo Kenyatta University of Agriculture & Technology | 2018 - 2023.
* Udemy AutoCAD proficiency certification | Udemy Online | 2020
* Udemy Creative Design Certification | Udemy Online | 2021
* Adobe Creative Suite Tools | Skillshare Online Courses | 2018



**SKILL AND COMPETENCES**

* Electrical Systems Design
* Computer Aided Design (Specialty in Autodesk AutoCAD)
* Computer-aided manufacturing
* Computer-aided engineering
* Coding and systems development (Python, C++, C)
* System Automation & Design
* Website, app-let & App development (Html, CSS, Javascript)
* Rapid Prototyping & iteration experience.
* Product design



**SOFTWARES AND TOOLS**

1. ***AutoDesk AutoCAD –*** Computer Aided Design Suite

*Years of experience : 2 years*

*Purpose of use : 2D designs, Building design (Electrical)*

1. ***AutoDesk Fusion360 –*** Computer Aided Design & Prototyping Suite

*Years of experience : 6 months*

*Purpose of use : 3D printing ,3D prototyping*

1. ***KiCAD –*** PCB layout and board design

*Years of experience : 1 year*

*Purpose of use : PCB design, PCB*

1. ***Digisilent PowerWorld –*** Power systems simulation & Rapid Testing

*Years of experience : 2 months*

*Purpose of use : LV system design, Power Systems design*

1. ***Proteus Simulator –*** Electronic Design & Simulation

*Years of experience : 2 years*

*Purpose of use : Circuitry design, Electrical Design Testing*

1. ***Mathworks MATLAB –*** Numerical Computing

*Years of experience : 3 years*

*Purpose of use : Mathematical modelling, System design*



**CAREER**

**HIGHLIGHTS**

## Product Associate - Charging | M-Kopa Limited | February 2024 - Present

**Key Contributions & Results:**

* Conduct field research to ensure our offerings meet the needs of boda riders and small business operators
* Manage data collection, analysis, and reporting using Notion to inform product/service improvements
* Assist in identify sites for new charge point installations and coordinate with electrical contractors for installation, maintenance, and upgrades.
* Facilitate discussions between boda riders and shop owners to establish mutually beneficial pricing strategies
* Interface with charging vendors for hardware and software needs, ensuring seamless integration and operation.

## Associate | Capital Spot Limited | October 2023 – January 2024

**Key Contributions & Results:**

* Collaborated with cross-functional teams to create visually appealing designs for digital and print materials.
* Developed and maintained the visual identity of the brand across various channels.
* Produced marketing materials, including social media graphics, banners, and promotional materials.
* Contributed to the design and execution of website layouts, ensuring a seamless user experience.

## Intern | Jomo Kenyatta International Airport ( through KAA) | January 2023 – April 2023

**Key Contributions & Results:**

* Technical support for electronics and engineering department
* Maintenance of machinery and installations
* Understudied engineers coming up with electrical diagrams, plans and BQs

## Attache’ | Gearbox-Europlacer Limited | January 2022 – March 2022

**Key Contributions & Results:**

* Collaborated with colleague in IOT projects
* Understudied engineers in production line for manufacturing.
* Learnt software development and troubleshooting in manufacturing



**REFERENCES**

# Mr. Kelvin Wesonga Ombal

# Head Of Information Technology

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