

PAULINE MOMANYI

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EDUCATION

JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

Bachelor of Science (Electrical and Electronics Engineering)

08/2016 - 12/2021

Coursework: Electronics, Microprocessors, Electrical Machines, Integrated Circuits, Telecommunications

Societies: Society of Engineering Students (SES), JKUAT.

MORINGA SCHOOL

Software Development

02/2022 - Present

Tech stack: HTML, CSS, Bootstrap, JavaScript, React, Ruby.

EXPERIENCE

JKUAT ELECTORAL COMMISSION

Clerk

09/2021 – 11/2021

- Organised campaign debates for 20+ election contestants in 10 different positions.
- Oversaw nomination of 100+ candidates for JKUAT student council positions
- Ensured fair and orderly elections and campaigns.

DEVKI STEEL MILLS

Electrical Engineering Intern

03/2019 – 05/2019

- Performed rewinding of 3-phase electrical motors.
- Troubleshooted and repaired boilers, generators, motors, control panels and starters.

IBERAFRICA POWER (EA) LTD

Electrical Engineering Intern

08/2019 – 11/2019

- Calibrated Temperature Controlled Drives using Beamex device.
- Performed routine checks on plant systems: Reverse Osmosis Water Treatment Plant, Effluent System, Separators, Fuel and cooling systems.
- Performed electrical servicing of V-20 Wartsila Fuel Engines.

MINISTRY OF PUBLIC WORKS

Electrical Engineering Intern

08/2018 – 11/2018

- Designed electrical wiring circuits for buildings using AutoCAD.
- Prepared bills of quantities for proposed electrical wiring designs.

ACHIEVEMENTS

- Represented a class of 30+ students for 5 years at JKUAT by coordinating communication with the school administration.
- Selected as one of 100 women for a 6-month full scholarship at Moringa School.
- Designed a mini-hospital management system which aims to minimise paper-work in small hospitals through autonomous measurement of patients' vitals and centralised storage.
- Managed the financial affairs of IEEE Power and Energy Society for a year.

ADDITIONAL

Technical Skills: Version Control, HTML, CSS, Bootstrap, JavaScript, React, PHP, SQL, Ruby.

Soft Skills: Communication for impact, leading self, team work

Certifications: Ultimate MySQL (Udemy), Schneider Electric Global Student Experience (Sales Track)

Languages: Fluent in English and Kiswahili