



IDAHA AMONDI OMONDI

Contact

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Address

01000-1053 Thika, Kenya

Education

BSc. Electronic and Computer Engineering

Jomo Kenyatta University of Agriculture and Technology
62000-00200, Nairobi, Kenya
2021 - Current

Kenya Certificate of Secondary Education

Moi Girls High School - Nyabohanse
29 Isibania, Kenya
2017-2020
Grade: B+

Kenya Certificate of Primary Education

Kamenu Primary School
01000-1053 Thika, Kenya
2009 - 2016
Marks: 360

Skills

Technical Skills:

- **Programming Languages:** Python, C/C++
- **Microcontrollers:** Arduino, NodeMCU, Raspberry Pi
- **Embedded Systems:** Circuit design, Sensor integration, Real-time systems
- **Software:** MATLAB, Proteus, Multism, Autocad, Solid Works
- **Control Systems:** PID Controllers, automation

Soft Skills:

- Strong problem-solving and analytical thinking
- Effective communication and teamwork
- Time management
- Adaptability in dynamic work environments

Summary

Passionate and hands-on Electronic and Computer Engineering student with a keen interest in automation, embedded systems, and innovative tech solutions. Quick to learn, driven by curiosity, and committed to turning ideas into impactful engineering solutions.

Professional Experience

May 2024

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Aug 2024

Industrial Trainee

Nolads Engineering Ltd | 391-80100 Nairobi, Kenya

- Supported the installation, maintenance, and troubleshooting of electrical and electronic systems in both residential and industrial environments.
- Worked on control systems, motor drivers, PLCs, and microcontroller-based automation, gaining valuable hands-on experience.
- Assisted in servicing and maintaining standby generators, including inspections, load testing, and basic fault diagnostics.
- Participated in site inspections, equipment testing, and documentation while upholding safety standards and best engineering practices.

May 2023

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July 2023

Industrial Trainee ~ Operation and Masintenance

Kenya Power and Lighting Company | 30099-00100 Nairobi, Kenya

- Assisted in routine inspection, maintenance, and repair of medium and low voltage distribution systems.
- Participated in the installation and servicing of electrical components such as transformers, switches, fuses, and conductors.
- Supported fault detection and restoration efforts to ensure continuous and safe power supply to consumers.
- Observed and took part in preventive maintenance schedules for substations and power lines.
- Documented field activities, including daily maintenance reports and equipment performance logs.

Projects:

- Lift Controller System
- Motor Direction Control System
- Wireless Home Automation System

Hobbies and Interests

- Robotics and Automation
- Technology and Gadgets
- Problem-solving Games
- Reading

Career Goals

- To apply my knowledge in electronics and embedded systems to contribute to innovative engineering solutions.
- To gain hands-on experience in industrial settings and develop expertise in automation and IoT technologies.
- To grow as an engineer, specializing in smart systems and automation for impactful real-world applications.

References

Calvin Baya

Supervisor ~ Nolads Eng. Ltd

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Peterson Namu

Supervisor ~ KPLC

Phone: 254729021291

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