

Onyango Denzel Ninga

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— github.com/plochoidysis-ojwege

Objective

Enthusiastic BSc Electrical and Telecommunication Engineering student at Multimedia University of Kenya, seeking an internship opportunity at KEMSA to apply theoretical knowledge and gain hands-on experience in networking, datacom, and electronics. As a certified HCIA-Datcom Associate and an Electrical and Telecommunication engineering student, I am eager to contribute to innovative projects and gain hands-on experience.

Education

Multimedia University of Kenya *Expected Graduation: December 2027*
BSc in Electrical and Telecommunication Engineering

Certifications

Huawei Certified ICT Associate (HCIA) - Datacom *2025*
Certification covering the fundamentals of networking, routing, switching, and IP protocols.

Technical Skills

- **Networking:** TCP/IP, OSPF, VLAN, subnetting
- **Tools:** Wireshark, Huawei eNSP, MATLAB, AutoCAD
- **Programming:** C, Python, Arduino, MATLAB
- **Hardware:** Microcontrollers, PCB design basics

Projects

Smart Traffic Management System (Arduino) *2024*
Developed an automated traffic signal control prototype using sensor networks and Arduino microcontrollers.

Networking and Routing Practice Labs (HCIA) *2025*
Executed a wide range of networking labs using Huawei eNSP, including IPv4 addressing and routing, OSPF, Ethernet basics, VLANs, Spanning Tree, Link Aggregation, Inter-VLAN communication, ACLs, AAA, NAT, FTP, DHCP, WLAN, and IPv6 networking.
GitHub Repository: github.com/plochoidysis-ojwege/eNSP-labs

Extracurricular Activities

MMU Student Branch IEEE
Active member organizing workshops on IoT and telecommunications; mentoring junior students.

References

Kelvin Kariuki, HCIA Datacom Instructor, Multimedia University of Kenya
Relationship: Former Instructor, Email: teacherkaris@gmail.com