

Onyango Denzel Ninga

denzelninga001@gmail.com — +254 115869524 — linkedin.com/in/denzel-ninga-b59b50362
— github.com/plochoidysis-ojwege

Objective

Enthusiastic BSc Electrical and Telecommunication Engineering student at Multimedia University of Kenya, seeking an internship opportunity at KEMRI 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 by supporting the vital technological infrastructure that underpins cutting-edge medical research and to collaborate effectively within KEMRI's dynamic team environments.

Education

Multimedia University of Kenya

Expected Graduation: December 2027

BSc in Electrical and Telecommunication Engineering

Certifications

Huawei Certified ICT Associate (HCIA) - Datcom

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

Available upon request.