Onyango Denzel Ninga

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Objective

Enthusiastic BSc Electrical and Telecommunication Engineering student at Multimedia University of Kenya, looking for an internship opportunity to apply theoretical knowledge and gain hands-on experience in networking, datacom and electronics. Certified HCIA-Datacom Professional eager to contribute to innovative projects and collaborate in team environments.

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

Available upon request.