

TAWANASHE E MUSHONGA

Electronics & Telecommunication Engineering Student

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Zimbabwe

CAREER OBJECTIVE

A motivated Electronics and Telecommunication Engineering student seeking an internship opportunity to apply academic knowledge and practical skills in networking infrastructure, networking security, and hardware configuration. Eager to contribute to innovative technology solutions while gaining hands-on experience in Telecoms engineering operations.

EDUCATION

- BSc (Hons) in Electronics and Telecommunication Engineering, UZ (2023-2027)
Relevant Courses:
 1. Data Communications
 2. Electronic Communication Systems
 3. Computer Networks and Network Security
- CAMBRIDGE A 'Level Sciences (Mathematics, Physics, Chemistry & Computer Science) ,2022
- ZIMSEC O'Level Sciences (2020)

TECHNICAL SKILLS

- Network Implementation
 - ✚ LAN setup and configuration
 - ✚ IP addressing (DHCP) and subnetting
- Network Security
 - ✚ Implementation of security protocols (WPA2, SSL/TLS, etc.)
 - ✚ Knowledge of cyber threats and mitigation strategies
- Tools & Software
 - ✚ Network Simulation, Monitoring & Analysis: Cisco Packet Tracer, Wireshark
 - ✚ Operation Systems: Windows/ Linux , Ubuntu Server
- Programming Languages: Python, Java, C++

PROJECTS

- Server Room Real Time Temperature and Humidity Monitoring System
 - ✚ *Designed and implemented a real-time environmental monitoring system using ESP32, DHT11, and ThingSpeak. The system captures temperature and humidity data, uploads it to a cloud-based dashboard, and visualizes trends for proactive server room management. Ensured reliable Wi-Fi communication, sensor integration, and cloud data logging.*

CERTIFICATIONS

- Cisco Network Basics
- Cisco CyberOps Associate
- International Computer Driving License (ICDL Africa)

LANGUAGES

- English
- Shona
- French (Intermediary)