

Daniel Wamithi

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PROFESSIONAL SUMMARY

Adaptable and forward-thinking Computer Science graduate from the University of Embu with hands-on experience in networking and security, gained through an ICT attachment at the university of Embu. Skilled in network troubleshooting, configuration, and security protocols, with a proven ability to diagnose and resolve connectivity issues in high-demands environments. Proficient in setting up and maintain secure network infrastructures, managing user accounts and performing hardware maintenance. Proficient in C, C++, Java, Python, JavaScript, and experienced web development. Eager to join a dynamic team to leverage technical expertise and creativity in developing cutting-edge applications. I excel in identifying and resolving issues while upholding integrity and confidentiality.

Relevant Coursework: *Computer Network, Network Security, Java Programming, C++, Data Structures, Object-Oriented Design, Database Management Systems, computer Organization & Architecture, Software Engineering and Project Management,*

WORK AND EXPERIENCE

1. ICT INTERN

UNIVERSITY OF EMBU (DEC 2024)

- **Software & Hardware Management:** Install, update, and troubleshoot software and hardware, including assistive technologies for students with disabilities.
- **Network & Security Management:** Monitor network performance, implement security protocols, and ensure compliance with IT policies
- **Inventory & Resource Management:** Track and manage lab equipment, schedule maintenance, and ensure optimal resource allocation.
- **Lab Administration & Maintenance:** Oversee the daily operations of the computer lab, ensuring all systems are functional, secure, and well-maintained.

2 ICT ATTACHEE

UNIVERSITY OF EMBU (MAY 2024 – SEP 2024)

- **Network Troubleshooting:** Diagnosed and resolved network issues. Conducted comprehensive network analysis to identify and address connectivity problems across multiple computers.
- **User Support:** Assisted students and staff by troubleshooting software and hardware issues, ensuring minimal downtime in the computer lab
- **Security and Maintenance:** Performed routine security checks, installed antivirus software, and conducted OS installations to protect data integrity and secure lab infrastructure.
- **Hardware Management:** Performed hardware repair and maintenance tasks, including disassembling and reassembling computers, replacing keyboards, RAM, hard drives.
- **Network Configuration:** Configured network domains, user accounts, and access controls; set up Ethernet cabling and replaced faulty cables to maintain network integrity.

3 HIGH SCHOOL COMPUTER TEACHER

Kirirwa Secondary School

(Apr 2022 - Oct 2022)

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- 4 **Technical Guidance:** Taught students basic networking principles, including network security basics, hardware setup, and troubleshooting methods. Assist students in troubleshooting computer issues and provide guidance on software and system configurations.
- 5 **Student Project Success:** Guided students in completing successful computer-related projects and competitions.

EDUCATION BACKGROUND

1. University of Embu

- Bachelor of Science in Computer Science (**Second Class Upper Division**)
Aug 2020 - Sep2024

2. Kirirwa Secondary School

- Kenya Certificate of Secondary Education (K.C.S.E) (**Grade B plain of 65 points**)
Jan 2015 – Nov 2019

CERTIFICATION AND ADDITIONAL TRAINING

1. **Cisco Courses:** Networking Basics, Network Addressing and Basic Troubleshooting, Python Essentials and Ethical Hacking.
2. **Huawei Certification.** - Huawei Certified ICT Professional(Ongoing)
3. **Udemy Courses:** DBM, Excel essentials, Website Design.
4. **Cybrary courses:** Foundational training in network security, threat detection, and defense mechanisms.

SKILLS

- **Networking and Security:** Network configuration, troubleshooting, cable termination, user account management, basic cybersecurity protocols.
- **Programming:** C, C++, Python, Java, JavaScript,SQL.
- **Web Development:** HTML5, CSS3, React, Angular, Node.js, Express.js
- **Databases:** MySQL, PostgreSQL, MongoDB.
- **Version Control:** GitHub, Microsoft office, Microsoft 365, Visual Studio, Android Studio, NetBeans, Eclipse and Wireshark

LANGUAGES

• Kiswahili

• English

REFEREES

ELIJAH MWANGI

TEACHER IN KIRIRWA SECONDARY

TEL NO: 0726786859

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GEORGE MAINA

ICT OFFICER IN UNIVERSIY OF EMBU

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RICHAD WAIGWA

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