



Mary Wanjiku Mwethukia

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Personal Profile

A dedicated and dependable individual, driven by a strong ambition to succeed. As a self motivated IT student, I have cultivated a mature and responsible approach to every task and situation I encounter. Possessing excellent interpersonal skills, I find it easy to connect with individuals from diverse backgrounds, fostering positive and productive relationships. I am an avid learner, always seeking opportunities to expand my knowledge and skills. Embracing challenges is a natural part of my growth journey, and I am committed to continuous improvement. I strive to be a person of integrity, constantly pushing myself to achieve greatness while remaining humble and approachable. I am excited to embrace new opportunities and challenges, confident in my ability to make a difference in both my academic journey and in the lives of others.

Experience

- Moi Teaching and Referral Hospital** 2nd May 2024 - 31st July 2024
Attachee
 - Provided technical support to various offices, including troubleshooting hardware and software issues.
 - Assisted in document management, including converting files from PDF to Excel.
 - Configured and managed UniFi Access Points to enhance wireless network connectivity.
 - Diagnosed and resolved network connectivity issues, such as loose Ethernet connections.
 - Collaborated with team members to ensure seamless ICT operations in a high-demand environment.

Education

- Maseno University** 2021 - Current
BSc Information Technology

Projects

- Handwritten Signature Verification System**
My group members and I did a project on signature verification where we created an offline system that would verify if a person's handwritten signature is accurate or forged.
The system however did not work as intended due to limited resources.
- Lugha-link English to Swahili virtual assistant translator**
As a school project we created a virtual assistant system that translates from English to Swahili as the existing virtual assistants cannot translate to Swahili. The system worked but had some limitations where phrases were translated directly bringing out a different meaning from the intended one.

Skills

- ICT Competence - Proficient in a MS suite such as Word, Excel and Access. I am also well versed with programming in Python language and Mobile development using Java. Skilled in databases using Mysql, have theoretical knowledge and simulation skills on cybersecurity and networks.
- Teamwork and collaboration - Am a collaborative team player with strong communication skills, fostering a positive and inclusive work environment to achieve collective goals.
- Communication skills - I am excellent in written and oral communication skills. I have the ability to communicate with people at all levels.

Certifications

- Network security (Cisco) - I have gained a comprehensive understanding of network security principles, technologies and best practices. By covering topics such as firewall technology, intrusion prevention systems, VPNs and secure network design hence gaining practical skills in configuring and managing security solutions within Cisco networking environment.
- Cybersecurity Essentials (Cisco) - I have gained a foundational understanding of cybersecurity principles and practices. By covering topics like network security, security policies, cryptography and incident response I have gained hands on experience in configuring and security network devices.
- Switching, Routing and Wireless Essentials (Cisco) - I have gained a comprehensive understanding of Cisco technologies in the context of modern network environments.
- CCNAv7 : Introduction to Networks (Cisco) - This gave me a foundational understanding of networking concepts by covering topics such as network protocols, infrastructure components, basic configuration and security fundamentals.
- IT Essentials : PC Hardware and Software (Cisco) - This course provided me with foundational knowledge on computer hardware and software, troubleshooting, security fundamentals and networking.
- Cybersecurity (KCSFA) - I attended a Hackathon in Kisumu hosted by Kenya Cybersecurity and Forensics Association where I got to learn alot of practical knowledge in cybersecurity. We did tasks such as capturing the flag (CTF) analyzing an attacked network and finding the attacker using OSforensics, and we also did cryptography.

Referees

- Gabriel Oliko - Maseno University**

MSC Senior lecturer Maseno University, IT health lead
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- **Judy Langat - Uasin Gishu High School**

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- **Yvonne Mwajuma - Maseno University**

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