
Name: Lewis Marias

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Institution: Machakos University

Course: Bachelor of Science in Computer Science

Profile

I am a Computer Science student at Machakos University with a strong interest in **cybersecurity**. I am passionate about understanding cyber threats, system vulnerabilities, and security best practices. I am eager to build practical skills in ethical hacking, network security, and secure software development.

Areas of Interest

- Cybersecurity fundamentals
 - Network security
 - Ethical hacking
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Technical Skills

- **Programming Languages:** Python, C, Java (basic)
 - **Operating Systems:** Windows, Linux (basic command line)
 - **Cybersecurity Knowledge:** Password security, encryption basics, malware awareness, phishing and brute-force attacks
 - **Tools:** Visual Studio Code, Git & GitHub, Linux terminal
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Education

Bachelor of Science in Computer Science

Machakos University (*Currently Enrolled*)

Project

Password Strength Checker (Python)

Developed a Python program that evaluates password strength based on length, use of uppercase and lowercase letters, numbers, and special characters. The program provides feedback such as *Weak*, *Medium*, or *Strong*, helping users create more secure passwords.

Skills Gained: Python programming, input validation, cybersecurity best practices, problem-solving.

Career Objective

To build a career in **cybersecurity** as a security analyst or ethical hacker, contributing to the protection of systems and data from cyber threats.
