

Ian Karanja

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Professional Summary

Enthusiastic Computer Science student with a strong foundation in cybersecurity and programming, aiming to become a SOC Analyst. Experienced in Python scripting and proficient in various cybersecurity tools. Eager to apply my skills in practical environments and dedicated to continuous learning.

Skills

- Python Scripting
 - Cybersecurity Tools: Nmap, Wireshark, Burp Suite
 - Web Development & WordPress
 - Ethical Hacking
 - Network Scanning
 - Problem Solving & Analytical Thinking
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Education

Bachelor of Science in Computer Science

Zetech University, Kenya

Expected Graduation: November 2027

Certifications

- **Fortinet Certified:** Threat Landscape
 - **Cisco Certified:** Ethical Hacking (Cyber Shujaa Programme)
 - **Web Development & WordPress Certificate:** Udemy
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Projects

- **AI Fraud Detection System** Designing a machine learning model to automatically identify fraudulent transaction patterns, aiming to enhance financial security and reduce manual review efforts.
- **Network Scanner** Developed a Python tool that scans networks to discover active devices and open ports, providing a clear overview of potential security vulnerabilities.

Community Involvement

- Member of the HackTheBox Community, Kenya
- Member of the Zetech Cyber Security Club

Additional Information

- **Hobbies:** Chess enthusiast, enjoying strategic thinking and problem-solving through the game.

References

Available upon request.