

# 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.

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## 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

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## 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.

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## Community Involvement

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

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## Additional Information

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

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## References

Available upon request.