ASHLEY WENWA

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EDUCATION

Kenyatta University, Nairobi   **July 2024**

Bachelor of Science (Mathematics and Computer Science)
Relevant course work: Networking, Data Structures, Object Oriented Programming, SQL.

EXPERIENCE

Freelancer, Nairobi   **March 2023 – September 2024**
Data Analyst

- Delivered data analysis services to five clients, including two long-term partnerships.
- Designed and maintained interactive dashboards using Power BI to support decision-making.
- Queried and transformed large datasets using SQL for reporting and insights.
- Collaborated with clients to identify needs and translate them into actionable metrics.

United Nations, Nairobi   **March 2023 – April 2024**
Volunteer

- Recruited and engaged youth participants for the WFP mentorship program.
- Coordinated activities and supported communication among mentorship members.

PROJECTS

Python SIEM tool   **June 2025**
- I wrote Python scripts to tail logs from Linux and used the libraries to parse the logs.
- I defined rules in order to send alerts via either email or console notification.
- I used matplotlib or plotly to visualize event frequency or attack types.

Honeypot   **April 2025**
- For deployment, I set up a cloud VM and hardened the host.
- I set up logging and log forwarding to a central location.
- I tracked attacker IPs, commands, tools used, file uploads or brute force attempts and used Python scripts to visualize and analyze the data then summarized attack trends, frequency and common tactics.

Port Scanner   **April 2025**

- I used Python libraries and built support for TCP connect scan, UDP scan and service banner grabbing.
- I scanned for common ports and added multithreading for faster scanning.
- I ran against local VMs and simulated vulnerable machines for testing purposes.

SKILLS

Programming languages: Python, SQL, C ++.

Computer software/ frameworks: Azure, Github, SIEM tools, Kali Linux, Power BI, Microsoft Office.

Others: Research and response, Reporting and Documentation.