ALEX OUMA

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LinkedIn- LinkedIn
Github- Github

About Me

Detail-oriented and proactive in the Cybersecurity field with experience in penetration testing both in web applications and mobile. Adept at conducting vulnerability assessments to protect organizational assets. Expertise in network management. Passionate about continuously improving security posture and staying updated on emerging threats and technologies.

Skills

- Security Tools: Wireshark, Nessus, Metasploit, Kali Linux, Burp Suite, Firewalls.
- Incident Response: Threat analysis, malware analysis, forensics, root cause analysis
- Risk Management: Vulnerability assessments, penetration testing, threat intelligence
- Programming: HTML, CSS, and intermediate in Python
- Network Security: TCP/IP
- Soft Skills: Problem-solving, critical thinking, attention to detail, communication

Awards

- 2023 boot camp participation hosted by Huawei and the Communication Authority
- Cybersecurity and Emerging Technologies Awareness training (2024)
- 2025 KCSFA membership

WORK EXPERIENCE

Information Security Department Attachment (May 2024- August 2024)

Eclectics International Limited-Nairobi, Kenya

Reference-: kengocha.clifford@eclectics.io *(0721681468)*

- Penetration testing of both mobile applications and web applications.
- Working together with Members of the department to carry out malware analysis.
- Learning to use penetration tools like Burp Suite, Nmap, ZAP Proxy, and Mobile Security Framework
- Carrying out cross-site scripting (XSS) in both mobile and web applications using XSS Hunter;
- Carrying out HTTP probing using the HTTPX tool

IT SUPPORT (June 2025 – Present)
Promo Kings
Configuring CCTV (Closed-Circuit Television) Camera
-Doing Maintenance on computers
-Network Configuration in the department within the Promo Kings company
-Troubleshooting Networks and Telephone Lines (landline)
-Server configuration and management

EDUCATION

Degree: Bachelor of Science in Computer Security and Forensics
Jaramogi Oginga Odinga University of Science and Technology-Siaya Kenya (2021-2025)

CERTIFICATIONS, LICENSES, AND EXTRA TRAINING

ALX Africa (08/22 – 09/23)
Learning how to develop web applications using the Programming languages HTML, CSS, JavaScript-React.Js, and an introduction to Python

CYBER SHUJAA (05/2024-08/2024)
Cloud And Network Security

Cisco Certification Training (04/24-12/24)
Introduction to data science.
CCNA 1: introduction to networks
CCNA 2: switching, Routing, and Wireless Essentials
CCNA 3: Enterprise networking, security, and automation
CCNP: Core networking
Ethical Hacker: Learn to use penetration tools, develop a security policy, and carry out hands-on labs on the Cisco platform.

TryHackMe
Cybersecurity Fundamentals (https://tryhackme.com/r/dashboard)
Completed multiple beginner-to-intermediate level cybersecurity labs, focusing on DNS in detail, Linux Fundamentals parts 1, 2, and 3

Languages

- English

- Swahili – Native

INTERESTS

- Reading
- Socializing with Friends
- Going to church

· **IBM Skills Build (12/2024 – 12/2024)**
cybersecurity Fundamentals

· **Coursera**
Foundation to cybersecurity
Manage security risk
Network and network security

· **Hack The Box**
hands-on skills in Intro to network traffic analysis, Web Requests, and Introduction to Web Applications.

Huawei

Development and Basic Concepts of Cloud Computing

Volunteer Experience

- **ITATU-** Working on a telephone farming project on how we can implement telephones in the agriculture sector. (11/2023 – 02/2024)
https://telefarming.pages.dev/

Kenya Film Commission, in conjunction with Siaya Digital Hub
Trained on Editing