

# RAYMOND MACHARIA

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## ABOUT ME

Recent IT graduate with a specialization in cybersecurity and hands-on experience in vulnerability assessments, virtual machine deployment, and secure system configuration. Proficient in applying industry tools such as Nessus, Wireshark, and Burp Suite. Strong problem-solving skills and collaborative mindset developed through Capture the Flag (CTF) competitions. Seeking to contribute to NTT DATA's mission of driving secure innovation in a hybrid, globally impactful environment.

## INTERNSHIPS

SEO Intern | Exotic Advertizing | Apr 2025 - Present

- Contribute to on-page and off-page SEO strategies, resulting in a measurable increase in organic traffic.
- Took initiative in refining SEO strategies by identifying optimization opportunities and implementing best practices across websites.
- Developed and presented SEO performance reports using Google Analytics and Ahrefs, helping guide client strategy and decision-making.

IT support attachee | Ministry of water, irrigation and sanitation | Sep 2024 - Nov 2024

- Supported day-to-day technical issues for staff, including hardware configuration and network troubleshooting.
- Assisted in setting up and managing Office 365 accounts and access control.
- Maintained asset inventory and conducted system maintenance.

## EDUCATION

BSc information technology, Dedan Kimathi University of Technology, Nyeri | 2024

- Achieved Second Upper Class Honors.

## CERTIFICATIONS

COMPTIA SECURITY+ | Feb 2025

## COURSES

Cyber Shujaa Security Analyst Program | Present

McKinsey Forward Program | Present

Cisco Endpoint Security | Feb 2025

## PROJECTS

Secure WordPress Honeypot Project

- Deployed a vulnerable WordPress site locally using XAMPP.
- Performed vulnerability scanning with WPScan and hardened configuration based on results.

Credentialed Vulnerability Assessment using Nessus

- Configured Windows 10 VM and conducted authenticated scans using Nessus Essentials.
- Interpreted scan results to recommend patches and hardening techniques.

## EXTRA-CURRICULAR ACTIVITIES

Hack The Box Academy, TryHackMe & PortSwigger Labs | Present

Engaging in hands-on labs to strengthen skills in penetration testing, web application security, and ethical hacking through continuous self-paced learning.

AIG Shields Up: Cybersecurity virtual experience program on Forge | Apr 2025

- Completed a cybersecurity threat analysis simulation for the Cyber Defense Unit, staying updated on CISA publications.

Mastercard Cybersecurity virtual experience program on Forge | Oct 2024

- Completed a job simulation where I served as an analyst on Mastercard's Security Awareness Team.

## SKILLS

- Database Management (SQL)
- Vulnerability Assessment
- Network Administration & Troubleshooting
- Competitor Analysis & Market Research
- IT Governance & Risk Compliance (GRC)
- Java
- End-User Training & Support
- Problem Solving
- Teamwork
- Leadership
- Resilience