Shafici Mohamed Yusuf

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Profile

Telecommunication Engineering graduate with practical experience in networking, wireless infrastructure, and security monitoring environments. Currently serving as a SOC Analyst, where I support authentication log analysis, alert investigation, and incident triage using SIEM tools. My academic and professional exposure to networked systems and security operations has motivated my interest in pursuing graduate-level research in information Security — particularly in secure networked systems, access control mechanisms, and intelligent threat monitoring.

Education

Hormuud University
Mogadishu, Somalia

Bachelor of Engineering - BE, Telecommunication engineering │ GPA: **3.44** / 4.0
09/2021 - 07/2025

- Relevant Coursework: Telecommunications, Networking, Wireless Communication, Electronics, Network Security.
- **Final Year Project:** *Laser-Based Home Security System.*

Research interests

- Information Security & Secure Networked Systems

- Access Control and Authentication Systems

- Intrusion Detection & Security Monitoring Environments

- Cloud-Assisted Systems

Academic Research

Final Year Thesis Project — Laser-Based Home Security System

Designed and implemented a prototype intrusion detection mechanism using optical sensing and transistor-based triggering, demonstrating foundational concepts in signal detection, circuit design, and system alerting.

Work experience

Talosec Cybersecurity
SOC Analyst
11/2025 - Present

- Monitored security alerts and authentication logs using SIEM tools[Wazuh].
- Analyzed suspicious events and supported incident triage and documentation.
- Gained hands-on experience in SOC workflows and network security monitoring.

Amtel Telecom Somalia
Telecom Engineer Intern
08/2025 - 10/2025

- Supported network infrastructure deployment and wireless communication testing.
- Strengthened understanding of routing, RF, and network reliability.

Hormuud Telecom Somalia
Telecom intern
08/2024 - 10/2024

- Assisted in **fiber optic setup**, wireless communication, and RF systems
- Gained exposure to RNO, NOC, ISP and core network operations.

Work experience

Netcam Technology Service
Network Support   01/2024 - 12/2024
- Configured routers and wireless systems and troubleshot connectivity issues.
- Applied IP addressing, VLANs, and basic network security concepts.

Cybersecurity Certifications & Training

CCNA completion Certificate
Netcam Institute of Technology

Google Cybersecurity Professional Certificate
Google

CompTIA security+ preparation path
LetsDefend

30-Day SOC Training & Challenge Program
Talosec

Technical & Research Skills

Security & SOC
- SIEM monitoring, log analysis, and alert investigation.
- Incident triage and authentication event review.
- Security documentation and reporting.

Networking & Infrastructure
- Routing & Switching, VLANs, IP addressing
- Wireless & RF system concepts
- Network deployment and performance analysis
- Fiber-optic and communication infrastructure exposure

Tools & Platforms
- Packet Tracer, Wireshark
- Linux
- Wazuh SIEM Monitoring Environment
- Python

Awards & Academic Achievements

Full Bachelor Scholarship — Hormuud University
Awarded to top 10 students in the university admission exam; full tuition sponsorship for entire degree program.