

SEYDOU IBRAHIMA SISSOKO

Cybersecurity Major | Aspiring Security Engineer (Network & Security Engineering)

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PROFILE

First-generation Cybersecurity major (B.S., Kennesaw State University, 2027) with a concentration in Network & Security Engineering. Hands-on experience in security operations, network defense, vulnerability management, AWS cloud security, and digital forensics through internships, labs, and projects. Familiar with SOC workflows including log analysis, alert triage, and incident escalation. Seeking an Information Security or Cybersecurity internship to build hands-on experience toward a future Security Engineer role.

EXPERIENCE

Cybersecurity & Research Intern — Orange Mali, Bamako, Mali (May 2025 – Aug 2025)

- Supported security operations by monitoring systems, assisting with vulnerability scans, and strengthening network and endpoint defenses.
- Conducted risk assessments and identified security gaps aligned with NIST and ISO 27001 frameworks.
- Assisted with incident response activities, including documentation, escalation, and remediation tracking.
- Delivered cybersecurity awareness training for 50+ employees, reducing password and social engineering risks.

Summer Camp Counselor & Help Desk Support — Cobb County Parks & Recreation, GA (May 2024 – July 2024)

- Served as front-desk and help desk point of contact, triaging access issues and policy-related inquiries.
- Verified identities and enforced access controls while handling sensitive personal information.
- Logged incidents and escalated safety concerns following standard operating procedures.

Associate — Walmart, USA (Sep 2021 – Apr 2025)

- Supported daily operations, troubleshooting system and POS issues while maintaining data protection standards.
- Reviewed security footage and incident reports to support loss prevention efforts.

PROJECTS

SOC & Security Operations Labs — KSU

- Analyzed security logs and alerts in simulated SOC environments to identify suspicious activity, potential intrusions, and policy violations.
- Practiced alert triage, incident documentation, and escalation workflows using IDS/IPS, firewall logs, and SIEM-style dashboards.

Network Security Lab — KSU (Aug 2024 – Dec 2024)

- Configured and secured virtual networks against simulated cyberattacks using firewalls, ACLs, and vulnerability scanners.

Python Security Tools — KSU (Aug 2023 – Dec 2023)

- Built Python scripts for port scanning, log parsing, and security automation to support threat detection.

CERTIFICATIONS

Cisco — Principles of Cybersecurity (Issued December 2024)

SKILLS

Security Operations (SOC), SIEM Fundamentals, Log Analysis, Alert Triage, Incident Response, IDS/IPS, Network Security, Cloud Security (AWS), IAM, Vulnerability Management, Threat Detection, Digital Forensics, Risk Assessment, Compliance (NIST 800-53, ISO 27001), Python, Wireshark

EDUCATION

Kennesaw State University — Kennesaw, GA | Bachelor of Science in Cybersecurity (Network & Security Engineering) | Expected Graduation: 2027