

# SEYDOU IBRAHIMA SISSOKO

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

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<https://seydousissoko.github.io/Portfolio/>

### PROFILE

First-generation Cybersecurity major (B.S., Kennesaw State University, 2027) with a concentration in Network & Security Engineering. Hands-on experience in security operations, cloud security, vulnerability management, and digital forensics through internships and projects. Familiar with SOC workflows including log analysis, alert triage, and incident escalation. Seeking a security internship in a fast-paced, production-scale environment to grow toward a 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

#### Security Operations & Threat Detection Lab — Personal Project

- Built a security monitoring lab ingesting cloud, endpoint, and network logs into a SIEM-style platform.
- Simulated common security events and attack patterns to practice detection, investigation, and escalation workflows.
- Performed alert triage, log analysis, and incident documentation aligned with MITRE ATT&CK concepts.
- Contributed to detection logic, dashboards, and basic incident response playbooks.

#### Cloud Security & Risk Assessment Project — Personal Project

- Secured a small cloud environment using identity, logging, and monitoring controls.
- Assessed cloud misconfigurations and access risks impacting availability, integrity, and confidentiality.
- Investigated security alerts and logs to perform root-cause analysis and recommend mitigations.
- Documented findings through concise risk assessments and incident summaries.

#### Security Automation & Scripting — Academic / Personal

- Developed Python scripts to support log parsing, scanning, and repetitive security tasks.
- Used automation to improve efficiency in threat detection and investigation workflows.

### CERTIFICATIONS

Cisco — Principles of Cybersecurity (Issued December 2024)

### SKILLS

**Security & IT:** Network Security, Cloud Security (AWS), Identity & Access Management (IAM), Vulnerability Management, Incident Response, Threat Detection, Digital Forensics, Risk Assessment, System Hardening, Compliance (NIST 800-53, ISO 27001)

**Programming & Tools:** Python, Java, C++, AWS, Wireshark, Microsoft Excel, SIEM Fundamentals, Security Automation

**Professional:** Analytical Thinking, Problem Solving, Communication, Teamwork

### EDUCATION

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