

# WISDOM ADEGBOLA

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## EDUCATION

### North Carolina A&T State University

*Bachelor of Science in Computer Science*

Greensboro, NC

*Expected Aug 2026*

- **Certifications:** Google Cloud Digital Leader (Oct 2025), Google Cloud Associate Cloud Engineer (Oct 2025), CompTIA Security+ (In Progress).
- **Relevant Coursework:** Data Structures and Algorithms, Operating Systems, Computer Networks, Database Systems (SQL), Software Engineering, Programming with C++, Java, and Python, and Cloud Computing.

## EXPERIENCE

### Undergraduate Research Assistant – AI & Cybersecurity

*North Carolina A&T State University*

Sep 2025 – Present

*Greensboro, NC*

- Researched AI-driven cybersecurity threats and improved anomaly detection accuracy by 20% through model optimization and evaluation.
- Developed and tested intrusion detection models using Python and scikit-learn to identify malicious network patterns and reduce false positives.
- Created documentation and presented research findings to faculty, strengthening understanding of adversarial machine learning defenses.

### IT & Cybersecurity Intern

*Client Technology Services*

Jun 2025 – Aug 2025

*Greensboro, NC*

- Executed vulnerability scans using Nessus and Wireshark, identifying and mitigating 50+ high-risk endpoints and improving overall system compliance by 25%.
- Automated patching and auditing workflows using PowerShell scripts, reducing manual workload by 20% and enhancing response efficiency.
- Enforced MFA and endpoint protection across 100+ devices, minimizing unauthorized access risks and improving organizational security posture.

### Information Technology Help Desk Technician – Information Security Team

*North Carolina A&T State University*

Sep 2024 – Present

*Greensboro, NC*

- Served on the Security Team supporting enterprise IT operations through endpoint monitoring, user access management, and incident triage.
- Provided Tier-1/2 support to 5,000+ users, resolving 40+ weekly hardware, software, and network issues while maintaining a 95% satisfaction rate.
- Configured and managed Active Directory accounts and implemented endpoint protection policies to strengthen secure access control.

## PROJECTS

### Cloud Security Deployment Lab | Google Cloud, IAM, Compute Engine

- Deployed secure virtual machines on Google Cloud using IAM policies and gcloud CLI to enforce least privilege access control.
- Configured firewall rules and enabled Cloud Logging to monitor access patterns and enhance system visibility.

### Security Event Monitoring System | Python, Flask, SQLite, REST API

- Developed a Flask-based web app to log and monitor security events via RESTful APIs for real-time alerting.
- Implemented secure authentication and integrated SQLite for data storage to improve traceability and response.

### Network Log Analyzer | Python, Pandas, Regex

- Created Python scripts to parse SSH logs and detect repeated failed login attempts from unauthorized IPs.
- Visualized login failure trends using Pandas and Matplotlib to identify brute-force attack patterns.

## TECHNICAL SKILLS

**Languages:** Python, SQL, Java, C++, JavaScript, Bash, PowerShell

**Cloud Platforms:** Google Cloud, AWS, Kubernetes, Docker, Terraform

**Cybersecurity and IT:** Nessus, Wireshark, Endpoint Security, MFA, Active Directory, Linux (Bash)

**Tools:** Git/GitHub, Tableau, Power BI, Jupyter Notebook, MySQL Workbench, VS Code, Looker