BOLUWATIFE ADESIOYE

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PROFESSIONAL SUMMARY

Cybersecurity and Computer Science student with enterprise security experience in a healthcare environment. Skilled in C++, Linux, Python, SQL, and network analysis. Proficient with risk management, vulnerability analysis, and AWS cloud security. Strong background developing security tools, supporting compliance efforts, and Incident response.

EXPERIENCE

Cincinnati Children's Hospital Medical Center *May 2026-August 2026*

Security Analyst Co-op

- Investigated security and IT tickets involving email security, endpoint incidents, and access management while Monitoring enterprise endpoints with **Splunk** and administering DNS-layer security controls.
- Assisted with firewall configuration, firmware management, and developed an automated **ServiceNow** incident report dashboard that eliminated a multiple hour manual data analysis and incident reporting process.
- Gave daily technical briefings to leadership and mentored high school interns, providing technical training and task oversight.

PROJECTS

Phishing Email Detector and Dashboard | *C++, Power BI*

Developed a C++ application to analyze email headers for phishing indicators such as: SPF/DKIM misalignment, domain mismatches and suspicious subject patterns, achieving over 94% detection accuracy across real and synthetic datasets. Built a Power BI dashboard to visualize volume, top spoofed domains, and dominant subject line keywords.

Linux Authentication Log Analyzer | *Linux, Python, Regex*

Built a **Python** based security log analyzer to detect suspicious authentication activity by scanning **Linux** system logs, identifying brute force attempts and irregular login patterns. Implemented **Regex** parsing, threshold alerts, and a reporting structure to reduce false positives and increase detection accuracy.

School Management Database | *SQL, Python*

Created a relational **SQL** database with multiple tables to manage student records, hobbies, and career goals, paired with a **Python** application that allows rapid entry and retrieval of student information in under 3 seconds per query.

SKILLS

Programming Languages: C++, Python, SQL, JavaScript, MATLAB, HTML/CSS
Applications: Splunk, Linux, Fortinet Security Fabric, Umbrella, Wireshark, Packet Tracer, Burp Suite, ServiceNow
Certifications: ICS2 Certified in Cybersecurity, AWS Certified Solutions Architect

LEADERSHIP

University of Cincinnati CECH Tribunal Cincinnati, OH

Digital Media & Marketing Chair *April 2026-Present*

- Helped build and enhance the college landing page using **HTML**, improving user experience and site functionality.
- Managed Social Media accounts to increase student engagement and event awareness.
- Helped establish online presence and supported community outreach initiatives.

Nigerian Student Association Cincinnati, OH

Undergraduate Representative & Outreach Chair *April 2026-Present*

- Led outreach efforts through campus events, information tables, and promotional campaigns.
- Managed Instagram and TikTok content, increasing event attendance.
- Coordinated collaborations with other student organizations to expand engagement.

EDUCATION

University of Cincinnati Cincinnati, OH

Bachelor of Science in Cybersecurity, Minor in Computer Science *Expected: May 2029*

Relevant Coursework: Information Security and Assurance, Network Infrastructure, Database management, Programming for EECE, Engineering Data Structures, AI principles, Network Security Human Computer interaction.