

Tobi Alaofin

Silver Spring, MD

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<https://github.com/tobialaofin>

Education

George Mason University

Master of Science in Computer Science – Cyber Security Concentration

Fairfax, VA

12/2027 (Expected)

George Mason University

Bachelor's of Science in Computer Science

Fairfax, VA

05/2026

Skills

- **Languages & Frameworks:** Java, Python, C/C++, JavaScript, TypeScript, React, SQL, KQL, Node.js
- **Backend & Systems:** FastAPI, asyncio, REST APIs, Asynchronous Programming, Real-Time Data Processing, In-Memory Data Structures, Time-Series Analytics, API Design, Data Pipelines, Docker, Kubernetes
- **Cloud & DevOps:** AWS, Azure, GCC High, Microsoft Entra ID, Endpoint Manager (Intune) Policy Deployment, Microsoft Defender for Cloud, Azure Monitor, Log Analytics Workspaces
- **Security & Monitoring:** Microsoft Sentinel, Microsoft Defender, Intune, Microsoft Purview, SIEM Analysis, Threat Detection, Incident Response Triage, Phishing Simulations, Vulnerability Management, Risk Assessments, MITRE ATT&CK, IOC and TTP analysis
- **Governance & Compliance:** FedRAMP, NIST SP 800-171, Policy Mapping (NIST → CMMC requirements), Audit Log Review & Evidence Packaging, Data Loss Prevention (DLP) Policies
- **Systems & Tools:** PostgreSQL, MongoDB, Linux, Git, Network/System Troubleshooting, SharePoint, Power Automate, Power BI
- **Identity & Cloud Security:** Privileged Access Management (PAM), Identity and Access Management (IAM), Conditional Access, Zero Trust Architecture, CSPM, Authentication, Authorization, Accounting (AAA)

Certifications

- CompTIA Security+ (2024)
- Microsoft Certified: Azure Administrator Associate - AZ-104 (2025)
- AWS Security Specialty (2025)
- Certified Ethical Hacker (In-Progress)

Experience

Mobius Consulting, LLC/Cybersecurity Engineer Internship

Alexandria, Virginia | October 2025 - Present

- Assisted in planning and implementing Microsoft GCC High environments, including configuring tenant security baselines and identity controls.
- Used Microsoft Sentinel to investigate alerts, run phishing simulations, and generate automated reports to improve user detection and reporting behavior.
- Monitored cloud and endpoint security logs, escalating threats and supporting incident response to strengthen organizational security posture.
- Helped deploy and maintain security controls such as IAM, endpoint protection, firewall rules, and cloud configurations aligned with FedRAMP and NIST SP 800-171.

Delexis Healthcare Solutions/Software Engineer in Support

Greenbelt, MD | January 2022 - April 2025

- Supported in computer configuration, systems deployment, and operation at the client office in Washington DC Metro AreaDeployed and configured computer systems across multiple client offices, reducing setup time by 20% and ensuring smooth operations for multiple employees.
- Engineered secure ID card processing and management system, improving employee onboarding efficiency.
- Provided technical support and validation of national ID cards, resolving 95% of issues on first response.
- Supported network troubleshooting and web portal development, contributing to increased system reliability and accessibility.

Projects

CMMC Compliance & Intune Security Hardening Project

Intune, CMMC, Microsoft 365, Compliance, Policy Management

- Supported companywide CMMC compliance by reviewing the existing Intune environment and helping design updated security policies for Windows devices.
- Assisted in setting up a new Intune platform, including creating, adjusting, and assigning baseline policies across all users and devices.
- Helped develop evidence documentation, policy summaries, and configuration notes for internal compliance reporting.
- Collaborated with the security team to identify gaps, test configurations, and recommend improvements for organization-wide policy deployment.

GCC High Deployment & Security Monitoring Project

Azure AD, Sentinel, Intune, FedRAMP, NIST 800-171

- Helped plan, configure, and test a GCC High tenant with baseline security controls, identity policies, and audit logging.
- Integrated Sentinel with cloud workloads, built alerts, and ran phishing simulations to measure user risk.
- Documented configuration settings and compliance evidence for internal audit reporting.

Real-Time Market Data Stream Processor

Python, FastAPI, asyncio, JavaScript

- Designed and implemented a real-time market data streaming system that ingests live or simulated equity prices and computes rolling analytics in memory
- Built an asynchronous backend using FastAPI and asyncio to support continuous data ingestion and low-latency updates
- Implemented in-memory time-series storage with rolling windows to calculate averages and percent change per symbol
- Developed a live dashboard with real-time price updates, sparklines, and configurable analytics windows

Clubs/Leadership

National Society of Black Engineers (NSBE), Member – George Mason University

Hackathon Team Lead – George Mason University

- Led a 4-person team to design and present a working project under time constraints, coordinating tasks across development, testing, and presentation.