

# 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 Area. Deployed 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.