

Alex Lopez

Cybersecurity Professional

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Professional Summary

Cybersecurity-focused IT professional and U.S. Army Apache pilot/mechanic with 7+ years of experience maintaining mission-critical systems, securing sensitive information, and leading technical teams under pressure. Holds a strong foundation in IT fundamentals, networking, and security principles reinforced by multiple CompTIA certifications. Currently pursuing a B.S. in Information Technology with a focus on cybersecurity and actively seeking an entry-level role where hands-on experience can bridge and build upon a well-developed theoretical background.

Education & Certifications

B.S. Information Technology | Georgia Southern University | Projected Date of Graduation: **May 2027**

A.A. General Studies | American Military University | Graduated: **May 2020**

Certifications: **CompTIA A+, Network+, Security+, CySA+, CIOS, CSIS, CSAP**

Technical Skills & Proficiencies

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|-----------------------|--------------------------------|-----------------------------|------------------------|
| ➤ Troubleshooting | ➤ Information Security | ➤ Risk Mitigation | ➤ Cloud Fundamentals |
| ➤ Technical Support | ➤ Security Compliance | ➤ Malware Analysis | ➤ AI Principles |
| ➤ Active Directory | ➤ Firewalls & Network Security | ➤ Microsoft OS Environments | ➤ Access Control & IAM |
| ➤ Systems Diagnostics | ➤ Behavioral Analytics | ➤ HTTP, CSS, & JavaScript | ➤ Incident Response |
| ➤ Risk Management | | ➤ Security Monitoring | ➤ System Hardening |

Professional & Military History

Apache Pilot & Mechanic: U.S. Army

March 2018 – Present

- Operate and navigate AH-64 Apache helicopters in mission environments, maintaining crew safety and mission success.
- Diagnose and repair mechanical, electrical, and computer system failures under high-pressure, time-critical conditions.
- Execute system upgrades and preventive maintenance programs to sustain aircraft performance and operational readiness.
- Inspect aircraft systems to detect vulnerabilities and implement corrective measures before they impact operations.
- Train and mentor soldiers on aviation systems, technical procedures, and safety protocols.
- Leverage specialized diagnostic tools to investigate and resolve system anomalies efficiently.

Awards: *Army Commendation Medal with "C" Device, Army Achievement Medal, Army Good Conduct Medal, National Defense Service Medal, Global War on Terrorism Service Medal, Afghanistan Campaign Medal with Campaign Star, NCO Professional Development Ribbon, Army Service Ribbon, Overseas Service Ribbon, NATO Medal, Combat Action Badge, Basic Aviation Badge, Inherent Resolve Campaign Medal with Campaign Star*

Projects and Coursework

The following reflects lab-based and coursework experience developed through academic study in IT and cybersecurity:

- Configured small networks, implemented IP addressing schemes, and resolved connectivity issues in lab environments.
- Analyzed cybersecurity threats, identified vulnerabilities, and applied defense strategies with a focus on prevention and incident response.
- Conducted system hardening exercises, including patching, access controls, and security configurations to strengthen network defenses.
- Performed vulnerability assessments using industry-standard tools to identify and remediate potential security risks.
- Simulated malware attacks and practiced containment, mitigation, and recovery procedures to reinforce incident response skills in accordance with NIST SP 800-61.
- Configured AWS and Azure cloud platform fundamentals including IAM, network security groups, and cloud-native security services.