Alex Thach

Python, JavaScript, C++, PowerShell

**Cybersecurity Engineer**

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| **Contact**  Philadelphia, PA 19104  856-412-9487  [alex.thach3@gmail.com](mailto:alex.thach3@gmail.com) | **Professional Summary**  Cyber security engineer and military veteran with TS/SCI clearance with over 10 years of experience. Possesses a comprehensive background in network and virtual systems engineering from conducting domestic and overseas operations. Holds extensive knowledge in cyber forensics and reverse.  engineering IT systems. |
| **Education**  University of Maryland Global Campus, Bachelor of Computer Science, 2024  Community College of the Air Force, Associates of IT, 2018  **Certifications**  CompTIA A+, Net+, Security+, Cloud Essentials LPI Linux Essentials, Drone Security Operations  **Awards**  Meritorious Honor Award Commendation Service Medal Global War on Terror Combat  Citation | **Work History**  *Jan 2024 – Present*  **Defensive Cyber Operations Engineer** • IT Specialist GS-12 • Naval Information Warfare Center  Lead technical engineer in charge of tooling software and hardware packages for cyber protection teams across United States Navy and USCYBERCOM personnel. Engineered software solutions for breach and attack simulation for military IT systems.  *Sep 2022 – October 2023*  **Threat emulation lead** • Security Engineer II • Temple Health University Systems  Identified high priority intelligence on weekly reports to coordinate and mitigate risk on business objectives. Performed targeted threat hunting on more advanced exploits and threat actor known IOCs and TTPs. Test key threat scenarios using adversarial attack tools, tactics and techniques based on MITRE framework.  *July 2014 – Feb 2022*  **Cyber Operations Supervisor** • Cyber Security Specialist • United States Air Force  Conducted cyber operations across multiple nations in support of national defense. Held Top Secret clearance and supervised cyber response teams. Functioned as risk management and mitigation officer. Executed incident response and vulnerability management. Mentored and trained cyber security personnel. |
|  | **Technical Skills**  Atlassian JIRA, Confluence Elasticsearch, Logstash, Kibana Microsoft O365, Azure Sentinel, DevSecOps Rapid7 IDR, IVM  AttackIQ, Atomic Red Team  ExtraHop |