Joshua Vargas

joshuavargas.com | github.com/joshuavargas

Education

Bachelor's of Science: Cybersecurity and Information Assurance   Western Governors University, 2025 (expected)

Associate's of Arts: English   Long Beach City College, 2020

Certifications

CompTIA Network+

CompTIA Security+

CompTIA A+

Projects

Project: Implementing DISA STIGs on Windows 10/Windows 11 Machines
Source: https://github.com/JoshuaVargas/disa-stig-win10-win11
Platforms and Technology Used: Azure VMs, Tenable Nessus, regedit

Project: Implementing a SOC and Honeynet in Azure
Source: https://github.com/JoshuaVargas/azure-soc-and-honeynet
Platforms and Technology Used: Azure Virtual Machines, Microsoft Sentinel (SIEM), Log Analytics

Experience

Company: Lead Cyber Solutions   August 2024 - Present
Title: IT Support Specialist

- Performed email and phishing analysis, responding to phishing and maldoc incidents with the help of VMs and tools such as oledump.
- Manage and maintain Windows 10 and 11 Workstations by provisioning, configuring, and deploying desktops, laptops, and virtual machines as required, keeping a detailed record of inventory.
- Support remote users via ScreenConnect to remotely troubleshoot Microsoft 365 apps, Adobe Creative Cloud apps, Forticlient VPN issues, and printer server issues.

Company: Psyche & Matter, LLC   March 2024 - August 2024
Title: Cybersecurity Specialist (Internship)

- Analyzed network traffic and system logs to investigate potential security incidents and appropriately respond to events and alerts.
- Developed SATE materials to lower user risk, implement best practices, and support regulatory compliance.
- Maintained IT assets and inventory management, provisioning software and deploying hardware as required.

Company: Log(N) Pacific   October 2023 - March 2024
Title: Cybersecurity Support Technician (Internship)

- Implemented secure cloud configurations, utilizing Azure Private Link, Network Security Groups, Microsoft Defender for Cloud, and Azure Regulatory Compliance for NIST 800-53 compliance resulting in a 97% decrease in security incidents over the same time interval.
- Supported and troubleshot various Microsoft Azure services, including Microsoft Sentinel (SIEM), Virtual Machines,

Azure Monitor, and Microsoft Entra ID (formerly Azure Active Directory).

Company: Idea Factory International   December 2021 - April 2023
Title: Localization Editor/ Quality Assurance Tester
- Enhanced grammar accuracy by implementing style guide recommendations, leading to a 37% decrease in false positive reporting for grammar errors.
- Efficiently handled tickets and documented actions, ensuring effective communication between disciplines and ensured out-of-scope tickets were escalated to the proper team.

Skills and Technologies
Skills: Programming, Network Traffic Analysis, Email Analysis, Endpoint Security
Languages: C#, JavaScript, Python, Powershell, HTML5, CSS, SQL, KQL
Frameworks/Libraries: ASP.Net Core, MERN
Databases: MySQL, MongoDB, PostgreSQL
Tools: Microsoft Sentinel, Wireshark, tcpdump, Snort, Splunk, YARA, MISP, FTK Imager, oledump.py