

Joshua Vargas

joshuavargas.com | github.com/joshuavargas | linkedin.com/in/josh-vargas

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+ (in progress)

CompTIA Security+

CompTIA A+

Projects

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

Project: Threaded Port Scanner

Source: https://github.com/JoshuaVargas/port_scanner

Platforms and Technology Used: Python, Sockets, Threads

Project: File Encryption/Decryption Script

Source: https://github.com/JoshuaVargas/basic_python_encryption

Platforms and Technology Used: Python, Encryption, Fernet

Experience

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 troubleshooted various Microsoft Azure services, including Microsoft Sentinel (SIEM), Virtual Machines, Azure Monitor, and Microsoft Entra ID (formerly Azure Active Directory).

Company: Magnit Global

August 2023 - November 2023

Title: Data Labeling Analyst II (Contractor)

- Developed QA methodology to assist the team in reducing analysis errors resulting in 91% accuracy, up from 79%.
- Analyzed LLM data sets to inform product decisions, ensuring safety and privacy regulations compliance.

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 and appropriate escalation.

Company: Healthy Gamer

July 2020 - February 2022

Title: Mental Health Coach

- Coached clients during 45-minute individual sessions and in 1.5-hour group sessions, maintaining a 99% satisfaction rating throughout my tenure.
- Trained incoming coaches on methodologies for understanding client needs during coaching sessions through skills such as reflective listening, chasing client affect, and combatting transference and countertransference.

Company: Long Beach City College

February 2019 - December 2019

Title: English Tutor

- Tutored students in one-on-one sessions and group workshops to help them troubleshoot their writing processes to create self-sustaining students by the end of the semester.

Company: Barn Furniture Mart

July 2010 - March 2019

Title: Content Writer/Editor

- Performed research and wrote articles on restaurant furniture and interior design.
- Managed 20 blog sites for different geographical markets in service of SEO goals.

Skills and Technologies

Skills: Programming, Network Traffic Analysis, Malware Analysis, OSINT

Languages: C#, JavaScript, Python, Powershell, HTML5, CSS, SQL, KQL

Frameworks/Libraries: ASP.Net Core, MERN, Flask, Pytest, Jest

Databases: MySQL, MongoDB

Tools: PostMan, MySQL Workbench, Microsoft Sentinel, Microsoft Sentinel ID, Scapy