

# Joshua Vargas

[joshuavargas.com](https://joshuavargas.com) | [github.com/joshuavargas](https://github.com/joshuavargas) | [linkedin.com/in/josh-vargas](https://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+

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](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](https://github.com/JoshuaVargas/basic_python_encryption)

**Platforms and Technology Used:** Python, Encryption, Fernet

## Experience

**Company:** Psyche & Matter, LLC

March 2024 - Present

**Title:** Cybersecurity Specialist (Internship)

- Analyzed network traffic and system logs to investigate potential security incidents and appropriately respond to events and alerts.
- 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

Microsoft Office Suite, Help Desk, Ticketing System, Azure, Network Security Groups, Firewalls, ACLs (Access Control Lists), Virtual Machines, Virtual Networks, Cloud Computing, Active Directory, File Permissions, Windows 10, SIEM, Sentinel, Python, Javascript, C#, SQL, KQL, .Net Core