

Sebastian Velazquez

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EDUCATION

Florida State University - Tallahassee, FL

December 2026

Bachelor of Science in Computer Science

GPA: 3.8/4.0

Valencia College - Orlando, FL

December 2024

Associate of Science in Cybersecurity and Network Engineering

Associate of Arts in Computer Science

TECHNICAL SKILLS

Programming Languages: C++, Python, JavaScript, HTML/CSS, R

Tools/Frameworks: AWS, VS Code, Git/GitHub, Microsoft 365, Google Workspace, Okta, CyberArk, Cloudflare, Rapid7 Suite

Operating Systems: Windows, Unix/Linux

Cybersecurity: Penetration Testing, Vulnerability Management, IAM, PAM, Cloud Security, Compliance, Incident Response

Certifications: CompTIA Security+ SY0-701 (2025), AWS Certified Cloud Practitioner CLF-C02 (2024)

PROFESSIONAL EXPERIENCE

Panasonic North America - Remote

May 2025 – Present

Cybersecurity Engineering and Architecture Intern

- Spearhead ISO 27001 and CMMC Level 2 audit readiness across 10+ business units, gathering 150+ control artifacts and improving compliance alignment with ISO, CMMC, and NIST frameworks.
- Design and deliver remediation reporting in Rapid7 InsightVM/CloudSec, enabling stakeholders to prioritize 50+ high-risk vulnerabilities and improving closure tracking accuracy by 30%.
- Lead CyberArk EPM/PAM cleanup, analyzing 1,500+ application events and assigning policies to support enterprise-wide removal of local privileged users and strengthen endpoint security.
- Improve IAM (Okta), EPM/PAM (CyberArk), and Cloud Security (Cloudflare WAF/CDN) platforms by authoring SOPs, collaborating with cross-functional teams, and leading feature testing to strengthen production security controls.

Valencia College - Orlando, FL

August 2023 – December 2023

Network Security Intern

- Built a virtualized enterprise security lab using pfSense and Security Onion to simulate attacks and monitor network traffic, improving malware detection accuracy by 80% and response speed by 95% through Splunk correlation.
- Conducted penetration testing with Kali Linux, Nmap, Nessus, and Metasploit to identify vulnerabilities and propose mitigations aligned with NIST and OWASP standards.

PROJECTS

Security Automation Pipeline

October 2025

- Built a CI/CD security pipeline in GitHub Actions integrating Bandit, Trivy, and Gitleaks to automate SAST, dependency, and secret scanning, improving vulnerability visibility and aligning with OWASP/CIS standards.

White-hat Penetration Test

July 2024

- Exploited 6 critical vulnerabilities using Nmap, Nessus, Metasploit to gain Domain Admin access, then authored a 50-page remediation report reducing attack surface by 90%

Blue Team Defense for Galaxy.quest Infrastructure

July 2024

- Hardened 5+ Windows servers through patching, password enforcement, VLAN segmentation, and Cisco firmware updates, achieving 100% patch compliance and reducing attack surface by 70%.

LEADERSHIP & INVOLVEMENT

The ColorStack Chapter at FSU – Tallahassee, FL

May 2025 – Present

Treasurer & Co-Founder

- Co-founded FSU's ColorStack chapter, growing membership to 40+ students within the first semester and fostering an inclusive community for underrepresented students in tech.
- Manage chapter finances by creating and maintaining budgets, submitting SGA funding requests, and tracking expenses to ensure long-term sustainability.
- Oversee and collaborate with a seven-member executive board, delegating responsibilities, managing operations, and coordinating professional development and mentorship events.