

Sebastian Velazquez

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EDUCATION

Florida State University - Tallahassee, FL

December 2026

Bachelor of Science in Computer Science

GPA: 3.74/4.0

Honors: President's List, Dean's List

PROFESSIONAL EXPERIENCE

ASRC Federal - Eglin AFB, FL

June 2026

Incoming Cybersecurity / Systems Engineering Intern

- Selected for the DoD TRMCI program, supporting mission-critical test and evaluation (T&E) environments through cybersecurity and systems engineering activities aligned with DoD risk management practices at the 96th Test Wing, Eglin AFB.

Florida State University Information Technology Services - Tallahassee, FL

January 2026 – May 2026

Infrastructure and Operations Intern

- Migrated SQL Server 2012 instances to 2022 via PowerShell automation scripts, authored KB documentation adopted by the FSU ITS team, and established a deployment-as-code pipeline across ~10 FSU College of Medicine production servers.
- Engineered a PowerShell orchestration script to sequentially deploy Dynatrace, CrowdStrike, ThreatLocker, and Location Mapping on new Azure VMs, reducing baseline build time to ~30 minutes with zero manual intervention.

Panasonic North America - Remote

May 2025 – May 2026

Cybersecurity Engineering & 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 across 2,000+ application events, assigning policies to support enterprise-wide removal of local privileged users in alignment with internal IT security policies.
- 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

AI-Powered Security Log Triage Engine

February 2026 – Present

- Built a Python-based security triage engine that parses logs, applies rule-based detection, maps alerts to MITRE ATT&CK, and uses LLM-assisted analysis to generate analyst-ready incident summaries.

Mission-System Security Architecture Simulator

January 2026 – May 2026

- Built a full-stack mission security simulator (Next.js, FastAPI, NetworkX, PostgreSQL) to model cyberattack propagation across distributed DoD-relevant architectures, generating mission impact scores and mitigation recommendations — deployed live on Vercel/Render.

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.

LEADERSHIP & INVOLVEMENT

The ColorStack Chapter at FSU - Tallahassee, FL

May 2025 – Present

Treasurer & Co-Founder

- Co-founded FSU's ColorStack chapter, grew membership to 50+ students in the first year, and manage budgets, SGA funding requests, and operations with a seven-member executive board.

FSU Semi-Annual CTF Competition - Tallahassee, FL

November 2025

- Placed 5th among undergraduate competitors in FSU's CS department CTF, applying skills in web exploitation, digital forensics, crypto, binary exploitation, and reverse engineering under timed challenge conditions.

TECHNICAL SKILLS

Cybersecurity: NIST RMF, ISO 27001, CMMC, Vulnerability Management, Risk Assessment, IAM, PAM, Cloud Security, Threat Modeling, MITRE ATT&CK, AI Security Awareness

Security Tools: Okta, CyberArk, Rapid7, Cloudflare, Splunk, Metasploit, Nmap, Nessus, ThreatLocker, Kali Linux

Systems & Infrastructure: Windows, Linux/Unix, Virtualization (Hyper-V, VMware), Azure, AWS, Docker, Dynatrace

Programming, Automation & AI: Python, PowerShell, Bash, C++, SQL, Git/GitHub, GitHub Actions, LLM-assisted analysis

Certifications: CompTIA Security+ SY0-701, AWS Certified Cloud Practitioner CLF-C02, Google Cybersecurity Certificate (In progress)