Sebastian Velazquez

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EDUCATION

Florida State University - Tallahassee, FL   *December 2026*
Bachelor of Science in Computer Science   ***GPA: 3.64/4.0***
Valencia College - Orlando, FL   *December 2024*
Associate of Science in Cybersecurity & Network Engineering
Associate of Arts in Computer Science

PROFESSIONAL EXPERIENCE

Florida State University Information Technology Services - Tallahassee, FL   *January 2026 - Present*
Infrastructure and Operations Intern
- Selected for a hybrid systems engineering internship supporting Florida State University's College of Medicine, focusing on Windows administration, virtualization, and Azure/Hyper-V infrastructure in secure computing environments.
- Will contribute to PowerShell-driven Infrastructure-as-Code, secure configuration baselines, lifecycle management, and monitoring to strengthen system hardening and reliability.

Panasonic North America - Remote   *May 2025 – Present*
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, 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

Secure Satellite Ground Station   *January 2026*
- Applied basic MBSE principles to model a secure satellite ground station, defining system context, functional and security requirements, high-level architecture, and mission behavior.

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.

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, grew membership to 40+ students in the first semester, and fostered an inclusive community for underrepresented students in tech.
- Manage chapter finances and operations by maintaining budgets, submitting SGA funding requests, and leading a seven-member executive board to deliver professional development and mentorship events.

FSU Cybersecurity Club – Tallahassee, FL   *May 2025 – Present*
Member
- Participate in CTFs, blue team labs, and technical workshops focused on secure systems and cyber defense.

FAMU/FSU Society of Hispanic Professional Engineers (SHPE) Chapter – Tallahassee, FL   *August 2025 – Present*
Member

TECHNICAL SKILLS

Cybersecurity: NIST RMF, ISO 27001, CMMC, Vulnerability Management, Risk Assessment, IAM, PAM, Cloud Security
Security Tools: Okta, CyberArk, Rapid7 InsightVM/CloudSec, Cloudflare, Splunk
Systems & Infrastructure: Windows, Linux/Unix, Virtualization (Hyper-V, VMware)
Programming & Automation: Python, C++, PowerShell, Bash, C++, Git/GitHub
Certifications: CompTIA Security+ SY0-701, AWS Certified Cloud Practitioner CLF-C02, Google Cybersecurity Certificate (In progress)