

Alfredo Rodriguez Flores

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EDUCATION

University of California Santa Cruz | Santa Cruz, CA

September 2024–December 2026

Majoring in Computer Science; Minor in Information Technology : GPA: 3.6

De Anza College | Cupertino, CA

September 2022 – June 2024

ACADEMIC PROJECT

Website Portfolio Project HTML, CSS, SVG and JavaScript

August 2024 - Present

- Designed and implemented a responsive portfolio site to showcase programming projects using semantic HTML, modern CSS, and vanilla JavaScript for interactive components. Used Git and GitHub to manage source control with branches and pull requests, mirroring real-world collaboration and code review practices. Deployed the site on Vercel, gaining experience with automated builds and environment configuration similar to lightweight CI/CD pipelines. Iterated on performance and accessibility, testing across devices and browsers to ensure reliability.
- Website: <https://www.alfredorodriguezflores.com/>

Security Focused Network Lab

November 2025 - Present

- Built a small home lab with Linux VMs to experiment with basic segmentation concepts (separating services into different subnets, tightening firewall rules, and observing traffic flows).
- Used Python + Jupyter to parse and visualize packet captures and logs, exploring how policy changes affected reachability and attack surface.

EXPERIENCE

IT Networking/Server Infrastructure Intern, Eridu AI

September 2025 - Present

- Writing PowerShell and Bash-style scripts to automate provisioning tasks such as software installation, registry tweaks, power and security policy settings, and basic diagnostic log collection supporting repeatable, automated infrastructure changes
- Develop and maintain a standardized Windows 11 laptop image for Intune/Autopilot, including required applications, tools, and security software to streamline new-hire onboarding.
- Manage company network servers and endpoints to ensure reliable connectivity; assign static IP addresses to printers and other devices to prevent conflicts and network disruptions.
- Designed and ran internal phishing simulations and training; built clear security-awareness messaging that helped reduce phishing from 16% to 2% and strengthened overall security awareness.

Desktop Support Specialist, Cisco

June 2025 - September 2025

- Managed user account setups, permissions, and email configurations in Active Directory and Google Workspace.
- Investigated incidents using system diagnostics/logs and correlated symptoms to configuration causes skills directly aligned with release health monitoring and debugging rollout issues.
- Contributed to internal documentation and knowledge base articles, improving consistency in handling recurring issues and supporting future audits and compliance checks.

Information Technology Help Desk Intern, Synopsys Inc

May 2023 - September 2024

- Performed laptop diagnostics, troubleshooting, and preventive maintenance for Windows, macOS and Linux devices, printers, and basic network connectivity, documenting all work in ServiceNow.
- Collaborated with multiple IT teams to triage, escalate, and resolve user problems while supporting IT asset management (ITAM) from procurement through deployment and disposal.
- Collaborated with network, server, and security teams to triage and escalate complex incidents, gaining visibility into how large enterprises monitor systems, respond to alerts, and enforce security controls.

SKILLS

- **Technical Skills:** C++, C, GitHub, Python, Pandas, Spark, Linux, Golang, JavaScript, AWS, Azure, Google Cloud, Jupyter Notebook, HTML, CSS, SVG, Bash, Powershell, Network/IP, Wireshark, NIST 800-53, NIST-CSF, ISO 27001 frameworks.
- **Languages:** Bilingual in Spanish and English