Moe Jawadi

619-536-5382 | [LinkedIn](#) | [Github](#) **|** [moejawadi.me](#)

EDUCATION

San Diego State University   **San Diego, CA**

Bachelor's of Science, Computer Science   August 2023 - May 2025

WORK EXPERIENCE

San Diego Mac Repair   **San Diego, CA**

Help Desk Support Technician Internship   April 2023 - May 2023

- Responded to help desk tickets by identifying and troubleshooting hardware and software issues both in-person and over the phone.
- Replaced MacBook batteries and performed basic hardware maintenance and upgrades.
- Delivered excellent customer service by clearly explaining technical issues and solutions to non-technical users.
- Logged service requests, documented resolutions, and followed up to ensure customer satisfaction.

PROJECTS

System Administration, San Diego State University   **August 2025 - December 2025**

Virtual Machine (VM) Deployments Using VMware

- Configured and managed diverse Unix-based virtual machines to simulate real-world system administration tasks, including lab setups, shell scripting, and secure remote access with SSH and OpenBSD.
- Executed key projects including custom kernel builds, filesystem configuration, and secure OS installations, while applying UNIX concepts such as permissions, mount points, and system patching. Enhanced system reliability through upgrades, backups, and hardening techniques including access control and encryption.
- Led infrastructure deployments featuring virtual machine orchestration in VMware and Azure, integrating services such as DNS (BIND9), NFS, DHCP, and web servers (NGINX). Built automation scripts for logging, monitoring, and service management using shell scripting and streamlined workflows with authentication federation and encryption tools.

Wireless Networks, San Diego State University   **January 2025 - May 2025**

Smart Room Availability System using Rasberry Pi

- Designed and implemented a Smart Room Availability System using Raspberry Pi and motion sensors to detect real-time room occupancy; aimed at optimizing space usage in educational and office environments.
- Built a responsive web interface using Python (Flask) and HTML/CSS to display live room status; integrated secure network communication for real-time sensor data processing and backend updates.

SKILLS

- **Technical Skills:** Kali Linux | Windows | Ubuntu | Python | Java | JavaScript | HTML | Cryptography | Ransomware Techniques | CTFs | Virtualization | Docker | Ansible | NGINX | System Administration | Data Analysis | Software Troubleshooting
- **Soft Skills:** Analytical Thinking | Creative Problem-Solving | Communication | Collaboration & Teamwork |Adaptability & Flexibility | Time Management | Task Prioritization | Attention to Detail | Process Optimization | Interpersonal Skills | Strategic Thinking