

Ronald A. Parada

EXPERIENCE

California State University, San Bernardino, CA

Graduate Assistant/Teachers Assistant

07/2024 – Present

- Collaborated with professors to facilitate classroom activities including grading assignments, providing feedback, tutoring sessions, and managing student queries.
- Assisted in preparing course materials, creating presentations, and opening classes to administer quizzes when needed.

Fresca Unción Pentecostal Church, San Bernardino, CA

Volunteer Coordinator/Technical Support Volunteer

01/2015 – Present

- Managed opening and closing procedures, ensuring physical security and operational readiness.
- Operated and maintained the church's sound system and website, resolving technical issues.
- Conducted outreach activities and public speeches, created flyers, and engaged with the community.

El Calvario Church, San Bernardino, CA

Volunteer Facilities Manager/Translator

05/2004 – 12/2014

- Provided pastoral assistance and engaged with the community through sermon translation.
- Supported community outreach programs and assisted with event logistics.
- Operated and maintained the church's sound system, resolving technical issues.

SKILLS

Reading, Writing, and Speaking Spanish fluently.

Proficient in Microsoft Office Suite, Visual Studio, web Development, and Troubleshooting Windows (95 to 11). Experience in ethical hacking, networking, and security concepts including network hardening, threat Analysis, Security+ Domains, Incident Response, Access Control Models (RBAC), Zero Trust Architecture.

CERTIFICATIONS

CompTIA Security+ (SYO-701)

07/2025 – 7/2028

Certified in Cybersecurity (CC) Issued by ISC²

01/2024 – 1/2027

Guard Card Issued by STCLMS

11/2020 – 11/2025

EDUCATION

California State University, San Bernardino, San Bernardino, CA

Master of Science, Information Systems and Technology – Cybersecurity

05/2024 – 05/2026

- GPA: 4.00/4.00

05/2024 - Present

California State University, San Bernardino, San Bernardino, CA

Bachelor of Science, Information Systems and Technology – Cybersecurity

01/2022 – 05/2024

- GPA: 3.95/4.00
- Dean's List: All Semesters

San Bernardino Valley College, San Bernardino, CA

Associates of Science, Computer Science

01-2020 – 05/2022

- GPA: 3.88/4.00

- Dean's List

01/2021 – 05/2022

PROJECTS

Home Security Lab — Servers, Network Monitoring & Security Research

12/2025 – Present

- Deployed Pi-hole on a Raspberry Pi Zero W2 to provide network-level DNS filtering and block known malicious or unwanted domains across a home network
- Provisioned Ubuntu Server on a Raspberry Pi 4 with SSH and Tailscale virtual private network access to support secure remote administration and self-hosted media services
- Implemented Rayhunter on a mobile hotspot to monitor for IMSI catcher activity and strengthen understanding of cellular and RF security risks
- Tested wireless security hardware in a controlled lab environment to study Wi-Fi, Bluetooth, and sub-GHz radio frequency attack surfaces

- Built a Live USB security toolkit with Kali Linux, Mediat, and diagnostic utilities for system recovery, troubleshooting, and field response scenarios
- Developed a self-hosted AI automation server with Telegram and Discord bot integrations to automate notifications and task execution across two platforms

California State University, San Bernardino, CA

Wireshark Analysis – Robotic Dog Network Traffic Analysis

06/2024 – 08/2024

- Conducted detailed analysis of Pcap files from a robotic dog using Wireshark to identify network behaviors, devices, IP and MAC addresses, and traffic patterns.
- Extracted and analyzed HTTP streams to understand the communication protocols and data exchange.
- Documented findings comprehensively, highlighting any security concerns and potential vulnerabilities.
- Utilized Wireshark tools and techniques to ensure a precise and thorough examination of network traffic.
- Contributed to group discussions by presenting insights and recommendations based on the analysis.

California State University, San Bernardino, San Bernardino, CA

Capstone Project – Enterprise Network Development and Penetration Testing

01/2024 – 05/2024

- Developed an enterprise network from the ground up, focusing on security, connectivity, and functionality.
- Designed and configured the network to allow computer communication, implemented firewall rules, and ensured internet access across devices.
- Deployed active directory, database, email, and web servers. Built a local website integrating the email server and database to the active directory and enterprise.
- Hardened the LAN by implementing robust firewall rules, conducting a CSET analysis, and ensuring the use of essential resources and applications only.
- Collaborated with the team to prepare for penetration testing, focusing on policy-based, operational, and technical controls to enhance security.
- Applied Windows Server, Linux, Kali Linux, Active Directory, SQL, Snort, CSET, Python, HTML, and firewall tools to build, secure, and test the enterprise lab environment

San Bernardino Valley College, San Bernardino, CA

Independent Student Project – Design/Code Website

05/2022 – 08/2022

- Collaborated with a team to create a product website using raw code, Visual Studio, Stack Overflow, and GitHub.

HONORS & AWARDS

California State University, San Bernardino, San Bernardino CA

05/2024

Graduated Summa Cum Laude – California State University

California State University, San Bernardino, San Bernardino CA

05/2024

Departmental Honors – Information Systems and Technology department

California State University, San Bernardino, San Bernardino CA

09/2023

National Society of Leadership and Success Training – California State University

California State University, San Bernardino, San Bernardino CA

President's Letter – Office of the President

All Years

LEADERSHIP & ACTIVITIES

California State University, San Bernardino, San Bernardino CA

01/2025 – Present

Coyote Karate Academy – CKA Vice President

California State University, San Bernardino, San Bernardino CA

03/2024 – Present

Phi Kappa Phi – The Honors Society

California State University, San Bernardino, San Bernardino CA

08/2023 – Present

Inland Empire Cybersecurity Initiative (IECI) - Selected Participant

- Selected for an NSA-sponsored cybersecurity workforce development program focused on professional development, academic achievement, and applied cyber experience

- Completed cybersecurity career-readiness workshops and fulfilled apprenticeship-related experience through a Graduate Assistant role supporting cybersecurity and IT coursework

California State University, San Bernardino, San Bernardino CA

08/2023 – Present

Cyber Intelligence and Security Organization (CISO)

San Bernardino Valley College, San Bernardino CA

Alpha Gamma Sigma Honors Society

08/2021 – Present