Cesar Antonio Perez Oloroso

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Summary

Versatile IT Professional with extensive experience as a Network Engineer, adept in network and system administration, maintenance, optimization, and deployment. Eager to pivot into a software-focused role, leveraging a robust background in IT infrastructure and a strong work ethic honed while working in a demanding industry. Passionate about technology and driven by challenges, I bring adaptability, problem-solving prowess, and a relentless pursuit of knowledge to the table. Recently, I've been expanding my programming skills, delving into HTML, CSS, JavaScript, Python, and full-stack frameworks like Express and Django – as evidenced by my growing portfolio showcased on my personal website (linked above). Backed by a blend of professional experience, academic foundation, and an unwavering commitment to skill enhancement, I am poised to excel in the dynamic realm of software development.

Skills

Network Engineering:

- **Enterprise Hardware:** routing, deployment, security, maintenance, monitoring, & management.
- **Protocols:** ARP, DNS, DHCP, [S]FTP, HTTP[S], TCP, IP, OSPF, SMTP, SSH, Telnet, SSL.

System Administration:

- **Operating System Proficiency:** Windows & Linux (Ubuntu, RedHat, CentOS, Debian).
- Resource, user & security management.
- System configuration, maintenance, monitoring, performance tuning; setting up back-ups and recovery for potential disaster; & technological documentation creation.
- Virtualization deployment.

Business Day-to-Day:

- **Business Communication:** Memos, Emails, Presentations, Reports, etc.
- Customer Service Etiquette.

Front End Development:

- **Languages:** HTML, CSS, SCSS, JavaScript, Python.
- **Frameworks:** jQuery, Bootstrap, React.js, Flask, & Django.

Back End Development:

- **Languages:** JavaScript, Python, & SQL.
- **Frameworks:** Node, Express, & Apache.

Software & Application Development:

- **Languages:** Python, Java, C, C#, & C++.

Embedded System & IoT Development:

- **Languages:** C, C++, & Arduino C.
- **Hardware:** Arduinos and Raspberry Pi's.

Scripting & Automation:

- **Languages:** Bash, Perl & Python.

Business Software:

- **Microcomputer Applications:** Word, Excel, PowerPoint, Access, Outlook, Google Workspace Suite, CRMs (Salesforce), Jira, Ticket Systems, Git/GitHub.

Experience

NOC Engineer & Subject Matter Expert

International Business Machine (IBM)

📅 06/2021 – 05/2023   ⦿ Tucson, AZ

- Diminished the XIV/A9000[R]/Flash Team's caseload by efficiently completing tickets; resolving call-home requests; and documenting progress, solutions, and properly closing tickets on Salesforce.
- Automated action plans and created scripts to aid in network management through the Perl Programming Language.
- Trained on all essential software related to job duties: including Salesforce, Linux OS, Jira Service Desk, VMware/Virtual Box, PuTTY, etc.

- Managed and maintained storage area network, at IBM's Tucson data center, that held all team-related software. Duties included documenting existing fabric; collecting power usage data; reconfiguring systems; and consolidating and reorganizing network hardware.
- Administered access and authentication of storage area network.

Hardware Engineer
International Business Machine (IBM)
📅 01/2020 – 05/2021   📍 Tucson, AZ

- Trained on a wide array of topics: including Storage Area Networks, IT Fundamentals, Networking Hardware, and IBM's XIV/A9000[R]/Flash systems.
- Shadowed members of IBM's XIV/A9000[R]/Flash team through their duties as Subject Matter Experts.
- Participated in the IBM JumpStart Program, which was a series of courses focused on professional development: topics ranged from the patenting process to understanding the AGILE methodology to developing a Design Thinking mindset.

Science Ambassador
Rensselaer Polytechnic Institute
📅 01/2018 – 05/2021   📍 Albany, NY

- Conceptualized lesson plans and objectives to aid students, ranging from 1st to 12th grade, in understanding complex STEM topics -- such as binary systems.
- Scaled lesson plan objectives, tasks, and outcomes based on varying student levels: from elementary school to high school.
- Developed proposals and adjacent lesson plans to obtain funding from varying organizations and programs -- most notably LEGO by building a LEGO CNC machine.

Education

Master of Science in Computer Science
University of Colorado Boulder
📅 06/2024 – TBD   📍 Boulder, CO

Associate of Science in Network & Security Management
West Los Angeles College
📅 01/2023 – TBD   📍 Los Angeles, CA

Associate of Science in Cyber Security
Los Angeles City College
📅 01/2023 – TBD   📍 Los Angeles, CA

Bachelor of Science in Computer Science
Rensselaer Polytechnic Institute
📅 08/2017 – 05/2021   📍 Albany, NY

- Minor: Electronic Arts
- Undergraduate Research Project (URP): Ontology of SQL Dialects

Bachelor of Science in Computer Systems Engineering
Rensselaer Polytechnic Institute
📅 08/2017 – 05/2021   📍 Albany, NY

- Minor: Business Management

Training & Coursework

Full-Stack Web Development Bootcamp
📅 08/2023 – 06/2024 ✅ Udemy

Python Mega Course
📅 01/2024 – 06/2024 ✅ Udemy

Certificates

CompTIA A+
📅 01/2022 – 12/2023 ✅ Los Angeles City College