

## Anthony Marquez

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### KEY SKILLS

Collaborative, Buddy Training, Goal Oriented, Analytical, Troubleshooting, Networking, Firewalls, SQL, Python, M365, Windows, Linux, MacOS, SCADA, IPS/IDS, Wireshark, Nmap

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### PROFESSIONAL EXPERIENCE

#### Self Employed

##### *Certified PC Hardware Technician*

**04/2013-present**

- **Built and customized** over 100 desktop PCs for gaming, graphic design, and small business use, tailoring hardware configurations to client needs
- **Diagnosed and repaired hardware** issues such as faulty motherboards, power supply failures, and overheating components, ensuring fast turnaround times
- Performed system upgrades including RAM, SSDs, GPUs, and cooling solutions to enhance performance and extend hardware lifespan.
- **Configured and troubleshot** home and small business networks, optimizing routers, switches, and security settings for reliable connectivity
- Provided **remote** and **on-site** support, offering quick fixes for urgent hardware issues and personalized technical consultations.

#### Hilmar inc.

##### *Water Reclamation Operator III*

**08/2019-present**

- Troubleshoot and resolve Wonderware **SCADA and ThinClient** systems to monitor and optimize water quality
  - **Analyze** system performance trends to identify and address potential problems before they impact operations
  - **Troubleshoot** equipment issues and escalate if necessary
  - Perform maintenance on equipment and pumps, ensuring safety and compliance with environmental regulations
  - Implemented new **SOPs** to improve operational efficiency
  - **Train and mentor** new hires on SCADA systems, operational workflow and safety procedures
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### PROJECTS

- **Secured a Home Network**-Designed and configured a SOHO network with switches, routers, VLANs, NGFW, IDS/IPS, a secure VPN, and a DNS sinkhole, ensuring optimized traffic management, security, and proactive threat mitigation by blocking malicious domains.
  - **Azure Sentinel (SIEM)**-Used custom scripts to extract metadata from Event Viewer to be forwarded to third party API in order to derive Geo location data, Configured log analytics workspace to ingest custom logs in Azure, and configured workbook to display global attack data according to physical location
  - **Active Directory Administration**-Setup Remote access server to support NAT/PAT, automated user account provision/deprovision, configured windows file servers with implementation of NTFS permissions
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### EDUCATION

- **Bachelor of Science in Cybersecurity and Information Assurance** (March 2025)  
Western Governors University
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### CERTIFICATIONS

CompTIA A+, CompTIA Network+, CompTIA Security+, CompTIA CySA+, CompTIA Pentest+(in progress), ITILv4 Foundation, LPI Linux Essentials, Associate of ISC2 (SSCP)