Michael Gomez
2031 Shoreline Dr. Apt 211
Alameda, Ca. 94501
520-245-4707

Certifications:
- VMware VCA6-NV
- CCIE written Route and Switch (Lab planned 2016)
- CCNP Route and Switch
- CCNA Route and Switch
- CompTIA Security+
- CompTIA A+

Professional Strengths:
- Vast experience with both Public Sector and Corporate enterprise networks
- Excellent technical and non-technical communication skills both verbal and written
- Equally as effective working in team environments or as individual
- Passionate about learning new and emerging technologies
- Results driven and customer oriented

Technical Strengths:
- Data Center design and virtualization
- Public/Private and Hybrid cloud architectures (AWS)
- Troubleshooting complex enterprise networks
- Strong knowledge and experience with Cisco product portfolio (Nexus, Catalyst, ASR, ISR, ASA)
- Experienced with multiple vendors (Arista, Juniper, F5, Palo Alto)
- Security appliances and principles including NGFW, WAF, IPS/IDS, Micro segmentation

Education Summary:
Pima Community College - May 17, 2011
- Associate of Applied Science – Systems Administration/Networking
- Associate of Applied Science – Cyber Security

Employment History:
Autodesk Inc.
San Francisco, Ca.
March 2015 – Current
Senior Data Center Network Engineer

Position mainly consists of design and implementation of network projects. Acted as Network SME for troubleshooting complex tier 3 data center issues. Mentored junior engineers on implementation plans and technical guidance. Managed a global enterprise network consisting of five Data Centers globally.
- Worked collaboratively on POC projects deploying and testing VMWare NSX. Explored SDDC use cases for our software development environments as well as our corporate private cloud environment.
- POC and Pilot deployment of SD-WAN architecture for branch and Data Center hub sites.
- Data Center simplification project consisted of collapsing multiple tiers into a Spine/Leaf design for scalability. Using multiple VRF's to separate internal and external POD's into 12 security zones. Remove legacy configurations and migrated to new Core switches using Multi Chassis LAG interfaces.
- Data Center retirement project consists of migrating physical and virtual resources to other DC's with the ultimate goal of limiting the operational impact and culminating with the full retirement of the DC.
- Analyze existing infrastructure and propose hardware upgrades to meet the expectations of the enterprise business with scalability.
- Collaborated with other Sr. Engineers on configuration and hardware standards for both the Data Centers and Branch office locations globally.
- Long term strategic planning and positioning for hybrid cloud environment and network virtualization. (VXLAN, AWS, NSX)

Hye Tech Network & Security Solutions
July 2014 – March 2015
Senior Consulting Network Engineer

Met with customers on site gathered requirements and designed network/security solutions for enterprise clients. Provided knowledge transfer for new technologies and provided post implementation support. Met with customers regularly to discuss industry trends and potential use cases for future projects.

- Designed and implemented Data Center pod architecture and DCI for enterprise clients
- Designed and integrated full AAA services for an enterprise client using Cisco ISE, ACS, AD.
- Designed and implemented network infrastructure for VDI pilot.
- Enterprise wireless migration/upgrade
- Complex inter agency routing integration and optimization (BGP, EIGRP, OSPF)
- Designed mobility solution for integrating public transit vehicles into the enterprise network.

City Of Tucson IT Department
April 2011 – July 2014
Network Engineer

Working at the Central IT Department for the City of Tucson in the position of Network Engineer my day to day tasks included the ongoing management and maintenance of the City's wired and wireless network infrastructure, including security for sensitive networks such as public safety and Tucson Water.

- Lead network engineer on Data Center Core Migration and redesign project Catalyst 6500 to Nexus7000
- Designed and implemented enterprise edge redesign, BGP internet load balancing and Verizon VPN.
- Lead network engineer on design and implementation of wireless infrastructure for Public Transit services (Sun Tran, Sun Van, Sun Link)
- Designed expansions of City owned infrastructure providing secure Ethernet services via VRF's for Pima Community College and Tucson Unified school district.
- Designed and implemented large campus LANS (400-600 personnel)
- Managed the backbone for the City Of Tucson's Regional Transportation Data Network (RTDN) used throughout the region by various municipalities and agencies.
- Technical lead on managed power outages at various locations in Tucson. Created detailed project plan for identifying critical infrastructure and mitigating outages.
- Migrated legacy Point to Point IPSec tunneling network to use GRE over IPSec and DMVPN.
- Managed security stack for the City as well as Public Safety. (ASA, Sourcefire IPS/IDS)

City Of Tucson IT Department
January 2006 – April 2011
IT Specialist

- Responsible for deploying, troubleshooting, testing desktop and laptop PC's, and peripherals. Supported both hardware and software.
- The initial on site contact for troubleshooting network connectivity issues at various sites working directly with network services and evaluating the networks overall health.
- Assisted network services on migrating to PoE switches at various city departments.
- Troubleshooting wireless connectivity for large events (500 connections) located at Tucson Convention Center; including Gem Show from 2008 to 2011. Made recommendations to the design of wireless infrastructure for events.
- Configured and tested several wireless profiles connecting to multiple wireless networks for a number of projects involving regional partners.
- Configured and troubleshoot client VPN connections for City employees as well as external vendors.

Electronic Arts Inc.
Los Angeles, Ca. 2007
QA Consultant (Contract)

- Worked in team setting testing beta software and compiling useful feedback and specific design changes. Communicated those directly to the software engineers during our daily debriefings.