**Joe Anderson**

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**SUMMARY OF QUALIFICATIONS**

• Highly Experienced network engineer with close to 15 years working in highly controlled data center environments

• Planning, leading, and deploying tightly controlled, high security environments

• Deploying highly secure encrypted networks in foreign countries with complex data export regulations

• Refreshing highly available environments with extreme sensitivity to downtime

• Automating massive data center environments with extremely large device count for standards compliance

• PCI network audits for highly secure, partner connected networks with 3rd party auditors (US and International)

• Securing publicly connected networks (internet, extranet) with access-controls, firewall devices, and flow analysis

• Highly motivated to accomplish difficult tasks with complex, shifting priorities and extremely tight timelines

• Leadership qualities on any team, enthusiastic to drive resolution for project blockers

• Regularly wear multiple hats, project management, design, deploy, operations, security, team lead / mentor

• Experienced in various coding languages, object oriented programming

**PROFESSIONAL EXPERIENCE**

**Data Center Engineer 2013 - Present**

*Apple Inc* Cupertino, CA

• Senior engineer for Global Network Services

• Specialization in web scale data center deployments and operations, with a focus on standardized, automated builds

• Experience in data center fabric design, highly scalable designs (large throughput, 1:1 traffic subscription)

• Part of original Apple Pay deployment team

• One man team for planning, deployment, operation, tech refresh, and auditing of Apple Pay global network infrastructure

• Developed original tools and standards which are used globally at Apple, such as patch plan formats, DNS zone harvesting for intelligent data analysis, and deployment validation tools

• Work with hardware vendors on POC new deployments, create deployment documentation, configuration standards, and SME for new deploys

• Work with automation tools to deliver web scale deployments across multiple global environments

• Work with development team to enhance automation tools and refine efficacy, report bugs

• Interview potential new engineer candidates, provide hiring feedback

**Team Lead, Engineer 2012 – 2013**

*Stanford Hospitals* Palo Alto, California

• Team lead in highly stressful hospital environment, On-call rotation

• HIPPA regulated environment, regular interaction with hospital board of directors

• Plan and deploy network refresh and expansions for highly sensitive data center environment

• Plan and deploy network refresh and expansions for highly sensitive hospital campus (operating rooms, ICU, ER, patient data in cloud)

• Monitor and maintain network operations for for highly sensitive data center environment

• Monitor and maintain network operations for for highly sensitive hospital campus (operating rooms, ICU, ER, patient data in cloud)

• Manage Stanford dark fiber infrastructure across large geographic footprint, all Bay Area campuses plus satellite clinics

• Establish secure L2 VPN over MPLS for multi-partner campus segmentation with VRFs, and integration of remote satellite clinics

• Interview potential new engineer candidates, provide hiring feedback

**Engineer 2010 - 2012**

*Cisco Systems.* San Jose, California

• All manner of network engineering; LAN, WAN, Data Center, Voice, Wireless, WAN Optimization, Lab Admin, Campus

• Tasked with designing and deploying network upgrade solutions for Cisco’s Western Hemisphere presence; campuses, data centers, labs, sales offices

• Tasked with travel to any site assigned in Western Hemisphere, Canada to LatAm

• Travel consisted of refreshing an entire site or campus over a weekend, all network technologies, and providing first day of support for back to business operations on Monday morning

• Tasked with deploying new data center infrastructure for application footprint expansion

• Tasked with building secure connections to extranet partner networks, using VPN technologies

• Lab admin

• Interview potential new engineer candidates, provide hiring feedback

**Engineer 2009 - 2010**

*Procter and Gamble* Phoenix, Arizona

• Plan, design, deploy networks in tightly regulated environment

• FDA regulated, pharmaceutical manufacturing environment

• Maintain and upgrade networks for all P&G manufacturing plants across US, as well as HQ office in Cincinnati OH

• Travel to manufacturing facilities across US to execute planned network upgrades, meeting JIT manufacturing timelines and FDA regulations

**Team Lead, Engineer 2007 - 2009**

*Microsoft Licensing* Reno, Nevada / Phoenix, Arizaon

• Plan and deploy network refresh / expansion in highly available Microsoft Licensing data center, On-call rotation

• Participated in entire production environment relocation from Reno, NV to Phoenix, AZ with zero interruption to daily operations

• Sole resource in new data center location (Phoenix) coordinating migration activities, working with local site services (smart hands)

• Helped recruit, interview, and hire new support team in Phoenix data center

**EDUCATION**

**Various Python dev courses, bootcamp**

**CCIE Data Center track through ine.com (not certified)**

**CCIE Network track through ine.com (not certified)**

**Cisco Certified Network Professional**

**Cisco Certified Network Associate**

**Silver Peak WAN Opt certified**

**Microsoft Certified Professional**

**Microsoft Certified System Engineer (Server 2000)**

**CompTIA Network+**

**CompTIA Server+**

**CCNA / MCSE Technology Track 2005**

*Truckee Meadows Community College*  Reno, NV