

David Shieh
San Jose, CA

www.linkedin.com/in/davidshieh9297

408.421.8119
david9297@yahoo.com

SENIOR NETWORK TEST ENGINEER

An experienced engineer valuing customer focus and team player with strong security, hybrid cloud and enterprise solution experience in feature, system and performance testing.

AREAS OF EXPERTISE

Network System Integration, Interoperability, Functional and Solution Testing.

Management: Santa Clara county CAL-ID AFIS, Mugshot and Countywide Mobile ID.

Networking Architecture and Protocol, Ethernet, Switch, CISCO Router, SmartBit and IXIA Packet Generators, Spirent's Avalanche and Reflector.

Networking Protocols: TCP/IP, RIP/EIGRP/OSPF, IP Multicasting, SNMP

PROFESSIONAL EXPERIENCE

Cisco Systems, San Jose, CA

2013 – 2017

Senior Software Test Engineer

Responsibilities include developing test plans for Cisco DNA Assurance automation, InterCloud including InterCloud Director, InterCloud Switch, InterCloud Extender, Prime Network Service Controller and InterCloud Provider Enablement Platform to extend private cloud to various public Amazon, Azure, DiData clouds and supporting beta customers.

Dell Sonicwall, Sunnyvale, CA

2011 – 2013

Staff Test Engineer

Develop testing strategies for Dell SonicWall WAN Acceleration products including TCP acceleration, Windows File Service, Web Cache, firewall functional and performance tests, and mentoring junior test engineers as a Team Lead.

San Jose Police Department, San Jose, CA

2008 – 2011

Network Engineer

Responsibilities include managing countywide Automated Fingerprint Identification System, Mugshot System, Mobile ID server, working with vendors to resolve software defects and improvements, managing new IT projects to support countywide CAL-ID program needs.

Nokia, Mountain View, CA

2007 - 2008

Senior Performance Engineer

Responsibilities include performing RFC2544, HTTP throughput, TCP session rate, HTTP Transaction rate, Full Traffic Blend, NSS 4.3.2 Capacity performance tests on Nokia security IPS and Firewall products, researching new performance benchmarks, and tuning multi-core platform performance

Sonicwall, Sunnyvale, CA

2005 – 2007

Staff Test Engineer

Responsibilities include developing test plans for functional, performance, capacity, stress, load tests of routing/VLAN, Multicast, VPN and UTM on all the SonicWALL Firewall, Content Security Manager and Email Security products, and wireless WAN firewall appliance.

Avaya Communication, Milpitas, CA

2004 – 2005

System Test Engineer/ML Staging Lab Manager

Responsibilities included setting up ML staging lab with Avaya Security Gateway, Checkpoint/Nokia Firewall, Avaya G700/S8300 Media Gateway, reproducing ML production issues testing, Avaya VPN phones and SRTP integration.

WatchGuard, San Jose, CA

2002 - 2004

Senior Software Quality Assurance Engineer

Responsibilities included developing and executing test plans for RapidStream's Secured by Check Point appliances, Vclass and FireboxX, areas includes NAT, IPSEC, SNMP, dynamic routing, denial of services, stress, reliability, intrusion prevention system (IPS), anti virus (AV) and first article tests.

Avaya Communication/VPN, Milpitas, CA

2001 - 2002

System Test Engineer Team Lead

Responsibilities included implementing test plans and test cases for IP filtering and NAT of firewall, IPSEC VPN interoperability and IP600 (VoIP) & VSU interoperability. Other responsibilities include training junior system test engineers, monitoring Avaya IT beta VPN test sites.

ADDITIONAL RELEVANT EXPERIENCE

VPN Technology, Inc., San Jose, California

System Test Engineer/Technical Support Engineer

Responsibilities included implementing test plans and test cases for new firmware and VPN management releases, performing interoperability test with other vendor VPN devices assisting customers in the installation and configuration of VPN's Virtual Private Network products, diagnosing customer VPN problems and providing solutions, and participating in field test of pre-released products and upgrades.

Contec Microelectronics USA, Inc., Milpitas, CA

Senior Technical Support Engineer

Responsibilities included technical support, new product testing for Contec's digital/analog/other data acquisition boards, software libraries and Industrial PC. Other responsibilities include training technicians for Industrial PC manufacturing, server administration on Windows NT 4.0, IIS3.0, Proxy 1.0, Lotus CCMail and Novell servers 4.1.

EDUCATION

Master of Science, Electrical Engineering

The Wichita State University, Wichita, KS

CERTIFICATIONS

Microsoft Certified System Engineer