

Summary of Qualifications

- Adept to install, configure, operate, and troubleshoot medium-size routed and switched networks.
 - Confident in designing basic campus, data center, security, voice, and wireless networks.
 - Expertise in writing scripts to automate management tasks (Monitoring, Alert control, Automate config).
 - Proficient in Object-Oriented Designed programming with 3+ years Java development experience.
 - Capable of designing and developing a website including its frontend, backend, and database.
 - Comfortable with system administration in UNIX/LINUX.
 - Experience with multi-vendor network devices (Cisco, Juniper, Palo Alto, Arbor).
 - Industry certified CCDA, CCNA, JNCIA.
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Education

University of Colorado Boulder	BOULDER, COLORADO
M.S. degree in Interdisciplinary Telecommunication Program (ITP)	2012 – expected May 2014
Jilin University (Top 10 University)	JILIN, CHINA
Bachelor degree in Department of Telecommunication Engineering	2008 – 2012

Experience

Virtela Technology Service Inc.	GREENWOOD VILLAGE, CO
Software Engineer Intern	Jan'14 – present
<ul style="list-style-type: none">• Automated monitoring, configurations, and monthly reports of 70+ Palo Alto Firewalls with Python scripts.• Involved in developing the validator of Web-GUI in Virtela's Cloud Orchestration project (Java EE).	
University of Colorado Boulder (Interdisciplinary Telecommunication Program)	BOULDER, CO
Teaching Assistant	July'13 – present
<ul style="list-style-type: none">• Assisting and mentoring 40+ students to solve real problems in Network Management, using Python APIs such as tftpd, snmp, netflow, netconf etc.• Grading homework, lab, and quiz.	
Self-Employed, Non-profitable	HOME
Website Developer	Jan'13 – present
<ul style="list-style-type: none">• Developed a website www.pigrider.com that serves the Chinese Student & Scholar Association (CSSA) including a blog website, a tools website, and a restaurant service website (Ruby on Rails).• Developed my personal blog xiaotianblog.herokuapp.com (Angular.js+Node.js).	
University of Colorado Boulder (Department of Political Science)	BOULDER, CO
Research Programmer (Data Mining)	May '13 – Sept '13
<ul style="list-style-type: none">• Dealt with large text patterns in the formats of text, pdf, csv, html using Python.• Performed the task of parsing vote information and government actions of all states in the U.S. from 2005 till now and output them in excel files.	
Neusoft Corporation (Mobile Network Department)	DALIAN, CHINA
Software Tester	Summer '12
<ul style="list-style-type: none">• Compiled and debugged Java codes in the project of collecting interface A data under GSM system for national parks in Zhejiang, China.	

Certificates

Cisco Certified Design Associate (CCDA)	till Feb '17
Cisco Certified Network Associate (CCNA)	till Sep '16
Juniper Network Certified Associate (JNCIA-Junos)	till Nov '16

Technical Skills

Networking: Protocols->STP/RSTP, VLANs, FR, Ethernet, Metro-E, ARP, MPLS, RIP, OSPF, EIGRP, BGP, IP, IPv6, NAT, TCP, UDP, HTTP, SNMP, SMTP, TFTP, FTP, DHCP, DNS, VPN, 802.11a/b/g/n. **Appliances**->Cisco Router(3600/3800), Cisco Switch(1800/2960/3500/3550), Cisco ASA5505, Juniper Router, Palo Alto Firewall. **Tools**->Wireshark, Packet Tracer, GNS3.

Programming : Languages->Java, Python, Ruby, C, Unix shell scripting, Matlab. **Website developing**->HTML(5), CSS(3), Javascript, jQuery, Ruby on Rails, XML, JSON, REST, SOAP, Java EE, JSP, Servlet, JDBC, Tomcat, Apache. **Virtualization/Cloud**->XenServer, VMware vSphere, Cisco Nexus, Apache CloudStack.

Others->Unix/Linux, MySQL, MangoDB, Git, Eclipse, L^AT_EX.