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Certifications:

- Cisco CCNA Routing and Switching (CCNA), CCNP in progress
- CompTIA Advanced Security Practitioner*, Security+, Network+, Linux+ and A+
- EC-Council Certified Ethical Hacker (CEH)* and
- EC-Council Computer Hacking Forensic Investigator (CHFI)*
- Linux Professional Institute's LPIC-1 (although has used Linux since 1999)
- Novell Certified Enterprise Linux Administrator (CLA/SCA)

**Meets standards for NSA/CSS 4012 (Sr. Systems Managers), 4013A (System Administrators)*

Meets DoD 8570 standards for: IAT-III, IAM-II, IASAE-II, CNDSP Incident Responder, CNDSP Auditor

----- **Technical Skills:**

Operating Systems: Linux (many distributions), BSD, Windows Server 2008/2012, Mac OS X

Programming Languages: (level: intermediate) C/C++, Java, PERL, Python, Bash, etc.

DevOps standards: Git, Puppet/Chef/Ansible, Docker, Jenkins

Infrastructure: good knowledge of Amazon Web Svcs (AWS) components; VMware ESXi, NSX, Openstack

Network Technologies: TCP/IP, Routing (RIP, OSPF, EIGRP, BGP), switching (STP, EtherChannel), MPLS, WAN (PPP, site-to-site, remote access IPsec VPN; SSL VPN, DMVPN); VLSM, IPv6, port security; extended ACLs; data and voice VLAN, VTP, Load Balancing (GLBP); DHCP; NAT; SMTP, NetFlow.

- Configuring routers and switches; Mass configuration and reporting with Ansible
- Designing network physical and logical topology; modeling pre-deployment in GNS3

Firewall: IPTables, ACLs; pfSense; ASA/ASDM security levels

Infosec (other):

- Monitoring enterprise traffic (Nagios, Centreon, etc.)
- Vulnerability assessment, penetration testing (Kali, Nessus, OWASP tools, Burp Suite, etc.)
- Drafting security policy for enterprise systems and networks, users.
- Forensic analysis (Encase, FTK, Autopsy/ Sleuth Kit, CAINE, DEFT)
- Eager to work with as many SIEM setups as possible (Splunk, OSSIM, ELK/Elastic stack, etc)

----- **Goals:**

To simultaneously obtain two CCNPs - Routing & Switching (in progress) and Design. To secure more Red Hat cloud and security certifications. (Was just awarded scholarship from Cisco for new CyberOps track)

----- **Employment History**

Various End Clients - 1/2015 - Present

Consultant, Contractor

- Working various contracts while furthering professional development through school and research.
- Installing, configuring, deploying Mac, Windows and Linux workstations
- Deploying and configuring small networks for offices and workshop events
- Performing security assessments, including penetration tests, and vulnerability analysis of SMBs
- Consulted on assessment of WiFi provisioning for major conference (est. 6000 people)

Certification work - 10/2014 - Present

School, Professional Development (see "Education")

- *Invested time documenting pre-existing skills with certifications - as advised by recruiters/ hiring managers*
- Spent savings on some certifications, then obtained grant for more exams; now continues work to increase qualifications.
- Technical writing - motivated to produce concise yet thorough advanced overviews to replace over-worded literature. Topics covered include various Cisco, RHCE, and infosec topics.

Austin Community College - Psychology, Sociology - 08/2006 - 09/2014

Departmental Assistant

- Simple clerical work consistently done ahead of schedule- was encouraged by supervisors (who were professors) to use an average surplus 25+hrs/wk for studying, staying current on RHCSA/RHCE Linux topics, TCP/IP routing and switching with Cisco, other topics (see "Professional Development" under "Education")
- Point of contact for Department Chair - facilitated and coordinated operations with approx. 150 faculty members.
- Introduced tracking system for curriculum adoption (no previous accounting existed)
- Set deadline dates preceding College deadline dates to ensure expedited preparedness

- Added first tier technical support and troubleshooting for Win XP/7 and Mac OS X.
- Left ACC to document knowledge with certifications and return to IT.

Texas Radiation - 02/1999 - 05/ 2006

Systems Administrator

- Began to drop web design/programming to focus on systems/ network administration, infosec.
- Evaluated several versions and configurations of Linux for stability and suitability
- Conducted system optimization/ performance tuning on Linux systems
- Maintained Apache webserver configuration, adding/ removing modules, testing, etc
- Used initial versions of Backtrack [now aka "Kali Linux"] for penetration testing of wireless APs
- Stayed up-to-date on developments with Windows Server and Active Directory
- Bash/PERL/Python/etc scripting as needed
- UI/UX designer/ content developer/ technical writer
- Technical Architect role, evaluated overall approach and technology choices

HumanCode [acquired by Sapient] - 05/1999 - 02/2001

Programmer/ Engineer

- Software developer for Mac and Windows applications
- Object-oriented programming in Lingo (Director) and ActionScript (Flash)
- Introduced to Java and C++ and reached an intermediate-level in both.
- Began using Linux more in early 1999, became active in local Linux User Group
- Early adopter of Windows 2000 Server and Active Directory

University of Texas at Austin - 06/1994 - 05/1999

Computer Programmer/ Network Services Asst

- Primarily supported the doctorate program in Instructional Technology
- Provided consulting and workshops in UI/UX design, project management
- Co-supervised all labs provided by College including:
 - Network infrastructure and planning.
 - Server optimization, group policy, user/group administration on Windows Servers
 - Oversaw and trained lab assistants; Maintenance of several hundred workstations
 - Programmed CM templates for rdist

Additionally, was:

- Introduced to TCP/IP, network design and mapping, troubleshooting, cabling
- Introduced to classic standard UNIX tools (grep, awk, sed, vi, telnet, emacs, pine, lynx), and
- Picked up the basics of PERL and C programming (K&R)

----- Educational Experience

10/2015 - 06/2016

New Horizons Computer Learning Centers

- Security IT Professional program - 4.0 GPA
 - Obtained EC-Council CEH, CHFI, CompTIA CASP, LPIC1

09/2010 - Present

Professional Development - Enterprise Linux, Network Systems and Security

- In 2015, obtained CompTIA Network+, Security+ and Cisco CCNA Routing and Switching
- Expanded on Red Hat RHCSA/RHCE topics to also cover Debian and FreeBSD.
 - Recent classes (Summer-Fall 2017):
 - OpenStack (Administering OpenStack on the Command Line)
 - pfSense firewall (complete in-depth overview)
 - McGahan's CCNP Advanced Cisco ASA 8.x and 9.x configuration
 - Cisco CUCM (Call Manager), Unity, IM and Presence administration
 - Amazon Web Services (AWS) administration
 - VMware ESXi, NSX (VCA-DCV class)
 - Docker, Puppet, Git

Keywords: Network Engineer, Systems Administrator, Network Security Engineer, Security Engineer, Linux Systems Administrator, Linux Network Administrator, Linux Systems Engineer, Unix, CCNA, CEH, CHFI, CompTIA, Red Hat, ISO, TCP, IP, OSI, Layer 2, L2, L3, Layer 3, route, Routing, Switch, Load Balancing, Nessus, pfSense, Nagios, Perl, Python, Agile, Scrum, NIDS, HIDS, SQL, Git, Github, Juniper, Alcatel, VMware, vSphere, Citrix, ESX, NSX, XenServer, vCenter, KVM, Hypervisor, Virtualization, DNS, DHCP, IOS, IOS-XE, NX-OS, ASR, ISR, API, SOA, REST, high-availability, NAS, SAN, metrics, automation, performance, monitoring, authentication, authorization, confidentiality, integrity, enterprise, deployment, troubleshooting, supervision, analysis, LDAP, LAN, WAN, OSPF, BGP, EIGRP, STP, analytics, vulnerability assessment, incident response, OWASP, DAST, SAST, penetration testing, disaster recovery, red team, Metasploit, MSF, PAP, CHAP, PKI, LXN, LXC, trunk, traffic, policy, regulatory compliance, optimization, SLA, RPM, APT, telephony, QoS, 802, topology, cabling, policies, ASA, ASDM, CUCM, SIEM, MPLS,