Matthew Lindsey
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44 Shinbone Lane, Commack, NY 11725

**Professional Certifications:**

* CCNA

**Skills:**

* Homelab with Debian server using virtual machines for DNS level ad blocking, nginx/mariaDB/PHP implementation serving 3 different websites in DMZ from local network and using ddclient to update IP address in DNS records at registrar, an openVPN server, media storage for streaming to devices on the local network and Nagios for monitoring.
* Build and maintain personal computers and home network including pfSense router/firewall with IDS/IPS using Snort, caching using Squid, and implemented QoS and separate VLANs.
* Proficient with Linux/Windows operating systems and the command line, experience with Cisco IOS, VyOS, MS Office Applications, Visual Studio, C++, Python, HTML, CSS, Java, X86 assembly.

**Employment:
 Inmotion Hosting**, Denver, CO

 **IT Technical Support Tier I**, November 2017 – January 2018

* Communicated with clients via phone, chat, tickets and email to solve issues with their websites, cPanel, email and FTP accounts.
* Used ssh access to diagnose and troubleshoot customer problems by checking various server logs including Apache logs and mail/exim logs.
* Quickly determined customer problem and resolved the problem or escalated to a higher tier when necessary.
* Maintained all quality and performance metrics.

 **United States Patent and Trademark Office**, Alexandria, VA
 **Patent Examiner: Networking, Information Security and Cryptography**, August 2007-April 2016

* Investigated computer network, information security and cryptography patent applications to ascertain the described invention and determine claimed legal coverage and compliance with laws and regulations.
* Communicated findings to applicants in a formal written report and responded to applicants’ remarks and arguments of the formal written report.
* Networking patent applications included distributed data processing, client/server and peer to peer architectures, remote data accessing, network configuration, management and monitoring, network access regulating, resource allocation, session/connection establishing, data streaming, data transfer regulating, congestion avoidance, QoS, load balancing, VLANs, frame tagging, data routing, distributing routing data updates, and interconnecting networks.
* Information security patent applications included policy management, authentication, authorization, credential management with tokens, tickets and certificates, stateful firewalls, packet filtering, packet inspection, security protocols, VPNs, network scanning including attack prevention, intrusion detection, virus detection, vulnerability assessment, and prevention of unauthorized use of data.
* Cryptography patent applications included communication using cryptography at specific protocol layers, central trusted authority providing authentication, generating/issuing/revoking certificates, hierarchical certificates, token based authentication, mutual authentication, key exchange, asymmetric/symmetric cryptography, digital signatures, message digests, block/data stream encryption, and user identification by cryptography including biometrics.
* Maintained 112% production, 121% docket management and was rated outstanding (5/5) on most recent rating of record.

**Education:
 B.S. Computer Engineering**
 University of Virginia
 Thesis: Temperature Aware Circuits