

Matthew Lindsey

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44 Shinbone Lane, Commack, NY 11725

Professional Certifications:

- CCNA

Skills:

- Proficient with Linux, Windows, FreeBSD, Cisco IOS and VyOS.
- Experience with Bash, Python, Powershell, C++, HTML, CSS, Javascript, Ruby and X86 assembly.

Education:

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

Homelab:

- Setup Proxmox hypervisor hosting multiple virtual machines and containers including web server with nginx reverse proxy, local NFS and SMB network shares, OS image storage and network boot server, cache servers, OpenVPN server, FreeIPA and Windows Active Directory servers for authentication, Zabbix/Grafana monitoring server with an InfluxDB backend, Ansible configuration management, GNS3 virtual network testing environment, and backup solution using Duplicati and BorgBackup.
 - pfSense router/firewall with IDS/IPS using Snort, caching using Squid, and implemented QoS and separate VLANs.
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Employment:

Wheelhouse IT, Wantagh, NY

IT Technician, May 2018 – Present

- Configure firewalls/routers switches, APs, servers and workstations for specific client needs including customization, data migration and program installations.
 - Reduced new computer configuration time by setting up and maintaining a WDS server for windows image deployment with custom images.
 - Continually develop Powershell/batch scripts to automate repetitive tasks such as installing printers, gathering system information for migrations, and setting up client specific configurations.
 - Introduced and configured USMT (Microsoft's User State Migration Tool) to provide more automation and consistency during user migration to preserve data and application settings.
 - Gather information and pictures during re-onboarding projects for clients who lacked documentation of their network infrastructure, servers, applications and documented findings on internal KB (knowledge base) including network diagrams, pictures and notes.
 - Document new and existing processes on internal KB.
 - Troubleshoot tickets that required an onsite presence including network connectivity issues such as DHCP and DNS configuration.
 - Remotely assist users to resolve tickets involving Active Directory user management, service interruptions, application installations/upgrades/error fixing, driver installations, etc. using Connectwise Automate.
 - Scheduled and traveled by car or train to sites as required, including multiple sites per day.
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Inmotion Hosting, Denver, CO

IT Technical Support Tier I, November 2017 – January 2018

- Communicated with clients via phone, chat, and tickets to solve issues with their websites, email and FTP accounts.
 - Used ssh access to diagnose and troubleshoot customer problems by checking various server logs.
 - Maintained all quality and performance metrics.
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United States Patent and Trademark Office, Alexandria, VA

Patent Examiner: Networking, Information Security and Cryptography, August 2007-April 2016

- Reviewed patent applications for legal standards and technical merit, wrote formal reports with findings.
- Networking patent applications included network configuration, management and monitoring, network access regulating, session/connection establishing, data streaming, data transfer regulating, congestion avoidance, load balancing, data routing, distributing routing data updates, and interconnecting networks.
- Information security patent applications included policy management, authentication, authorization, credential management with tokens and certificates, stateful firewalls, packet filtering/inspection, network scanning including attack prevention, intrusion detection, virus detection, vulnerability assessment, and prevention of unauthorized use.
- Cryptography patent applications included communication using cryptography at specific protocol layers, central trusted authority providing authentication, generating/issuing/revoking certificates, mutual authentication, key exchange, asymmetric/symmetric cryptography, digital signatures, message digests, block/data stream encryption, and user identification by cryptography including biometrics.