

Network & Systems Engineer Network & Systems Engineer Network & Systems Engineer - Affordable Solar Albuquerque, NM Experienced network and systems engineer implementing systems and software to enhance, visualize, and secure businesses. Currently focusing in ICS networking/security, and SIEM in the Solar Utility industry. Authorized to work in the US for any employer Work Experience Network & Systems Engineer Affordable Solar - Albuquerque, NM 2019 to Present Responsible for Network design and implementation at solar sites and main office Hardware and software upgrade/design for servers at solar sites and main office Documentation of all network and system related changes and overall administration On-site and remote employee access to company IT assets Monitoring of solar site SCADA devices, systems, and overall network reliability Data retention and backup for solar sites and main office Research and development/implementation of software/hardware for solar sites and main office SCADA, network, and systems security as it relates to NERC-CIP and industry standards Maintaining and administering Cloudberry solar site data backups/retention and server/VM backups/retention of HyperV environments MikroTik, Ubiquiti, Sonicwall, Check Point, and PfSense networking appliances Jump Cloud Active Directory environment utilizing SSO, LDAP, and RADIUS for secure user authentication HyperV hosts availability and related security of servers Grafana network/ systems monitoring at solar sites and main office SCADA networks at solar sites for uptime and security utilizing Allen Bradley PLCs, Wonder Ware HMIs/Historians, SMA Webboxes, and ModBus software/hardware Cellular network connectivity for job sites Implementation and building Cloudberry for backup and data retention of systems at solar sites and offices Jump Cloud environment for secure managed user authentication and transition from on-site DCs Grafana, InfluxDB, Telegraf, ElasticSearch, Logstash, and rsyslog for solar site monitoring of SCADA devices and related network equipment, as well as syslog parsing and visualization of network availability and security at solar sites and offices PfSense firewall/router solution for the main office utilizing HA pair for network redundancy NERC-CIP security standards and compliance for solar sites and offices Overseeing and assisting help desk employees response to tickets and mentoring on technical projects Networking and systems deployment at new solar sites IT

Coordinator Great Basin Federal Credit Union - Reno, NV April 2018 to October 2018 Responsible for Overall help desk support including tier II technical phone assistance for credit union members

Overseeing and assisting of IT projects in different departments to further the credit union's growth

Maintaining Active Directory, Azure, Exchange, WSUS, Skype for Business, Office 365 operation for 65 end-users Digital Insight Symitar Surveillance system recording Integration PDQ Inventory and PDQ Deploy for asset software tracking and automation of software updates Automation Daily start up tasks through the use of batch and Powershell script writing Review Network security and hardware for vulnerabilities and remediation/prevention of vulnerabilities

Maintaining and configuring Windows workstations Avaya Desk phones Network printers, Epson receipt printers Ubiquiti wireless network, Juniper switches Documentation/knowledge base articles Implementation and building Grafana, Telegraf, Kibana, Logstash, Elasticsearch, and InfluxDB for network monitoring/alerting Tenable.io, Nessus, and CrowdStrike software for audit compliance and improving security posture Risk assessment for overall view of operations and ability to build better processes to improve risk levels

Administrating Avaya IP Office phone system Faronics DeepFreeze AirWatch MDM Domain controllers VMWare vSphere Systems Administrator Grassroots Books - Reno, NV October 2016 to June 2018 Responsible for overseeing Synology units running proprietary software used to conduct analysis of incoming product, and also storage of all related business documents used daily. Monitored LAN traffic usage, and also performed hardware/software upgrades as needed

Maintained and configured Zebra thermal printers, Symbol LS-Series barcode scanners

Administrating IPFire and EdgeRouter routing equipment IP security cameras, Debian/Ubuntu servers Conducted all on-site facility and vehicle maintenance; electrical, mechanical, HVAC, plumbing, etc Desktop Support Technician Barnes & Noble Inc - Reno, NV November 2017 to January 2018 Responsible for Monitoring AS400 jobs, IPSentry alerts for equipment inside of the distribution center, Crisplant sorting activity and daily functions

Assisting end-users and administrative departments with account credentials Servicing of Intermec CK71 RF scanners, Intermec PM4i thermal printers, Zebra 140Xi III thermal printers, Zebra QLN420 portable thermal printers, Symbol barcode

scanners      Setup and transitioning of workstations throughout the distribution center to accommodate business needs IT Service Technician & Online Content Editor Laptop Mate LLC - Reno, NV October 2014 to May 2016      Responsible for testing all functional aspects of Laptops, cell phones, desktops, tablets, and other various electronic products, Performed repairs, upgrades, and sales for our local repair business      Additional responsibilities include populating all company social media outlets (company website, Facebook, Twitter, Instagram) with original, creative content Education Associate in Networking Technologies Truckee Meadows Community College - Reno, NV 2017 Skills Network Administration (3 years), Network Security (3 years), System Administration (3 years), Network Engineering (3 years), Systems Engineering (3 years), Network Design (3 years), Information Technology (6 years), Information Security (3 years), SCADA (Less than 1 year), VMware (1 year), Hyper-V (3 years), Linux (2 years), Active Directory (3 years), Office 365 (3 years), Microsoft Exchange (3 years), InfluxDB (1 year), JSON (1 year), Windows Server (3 years), pfSense (2 years), Avaya IP Telephony (Less than 1 year), Juniper Switches (Less than 1 year), Ubiquiti Networks (4 years), Grafana (1 year), Elasticsearch (1 year), NERC-CIP (Less than 1 year), SonicWALL (Less than 1 year), Wonderware (Less than 1 year), Utility Industry (Less than 1 year), Solar Industry (Less than 1 year), Single Sign-On (SSO) (Less than 1 year), RADIUS (Less than 1 year), LDAP Administration (Less than 1 year), Logstash (1 year), Synology (3 years), WSUS (1 year), LAN (6 years), VPN (3 years), Cisco (Less than 1 year) Links <https://www.linkedin.com/in/jonathanwdempsey/>

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