

Scotty Hall

Network Technician, Python Automater, Microcontroller Enthusist, Challenge Seeker

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Skills & Qualifications

- Network equipment installation/cabling and configuration
- Experienced in performing remote diagnostics and troubleshooting
- Certificates in Python programming with an interest in network automation and embeded micro-controller programming
- U.S. Army veteran, Tactical Satellite Communications (MOS: 31Q)
 - Honorable Discharge

Work History

Ascension Health Systems (TEKSystems)

May 2021 - Present

- Campus wide LAN refresh project including area clinics and community hospitals
 - Replaced existing Cisco infrastructure with Extreme Networks
 - Performed initial configuration and troubleshooting of configuration issues
 - Responsible for Change Request submission, cut-over and short-term break/fix
 - Routing protocol change from EIGRP to OSPF
 - Server Top of Rack migrations
 - Led the effort for server migrations of two datacenters
 - Responsible for discovery process of physical and virtual servers
 - Applications and Application Owners
 - Documenting cable connections
 - Documentation of IP addresses and MAC addresses
 - Configuration of Top of Rack Aggregation and Access switches

- Patient Monitoring (GE Biomed) migrations
 - Led the effort for the migration of patient monitoring at six hospitals
 - Discovery of all L2 devices
 - Conversion of Cisco configurations for migration to Extreme Networks switches
 - Responsible for scheduling and migration
- Documentation of IDF/MDF's
 - Identifying rack equipment
 - Cable labeling
 - Identification of unused switch ports
 - Removal of unused cables
 - Decommissioning of Cisco infrastructure
 - Led the effort to upgrade the firmware of over 450 edge switches across two markets
 - Support of day-to-day operations with major incident and technical assistance troubleshooting

ConocoPhillips (Bartlesville, OK) - Network Operation Center

2016 - 2021

- Support and troubleshooting for the global network
 - Coordinated with internal, wireless and field IT support, to restore infrastructure and service issues
 - Terrestrial and oceanic facilities
 - Documented issues, troubleshooting and resolutions using ServiceNow
 - Initiated and managed bridges for major outages
 - Created a Powershell Script for the Wireless Team to log into field wireless radios and perform requested tasks and retrieve status information

ConocoPhillips (Bartlesville, OK) - Production Control

2011 - 2016

- Proactively monitored Control-M (BMC) batch processing jobs
 - Control-M is a data/production workflow orchestration application
 - Provided global support and notification of any failed batch jobs
 - Performed manual/on-demand batch job runs
 - Created and wrote VBA code for long running processes
 - Checked running batch processes for jobs exceeding normal run times

- Analyzed start time and current run time
- Compared to historical averages to identify processes that were running longer than typical
- Greatly reduced the time required to do so which had been performed manually, job by job

Verizon Business (Tulsa, OK) - Senior Telecommunications Technician

1998 - 2011

- Private Line Repair/Support
 - Tested and troubleshooting of point-to-point data and analog circuits ranging in bandwidth from 9.6 kb/s to 1.544 Mb/s
 - Installed and activated for remote access and telemetry at various U.S. locations
 - Coordinated with field technicians and local service providers to restore service interruptions

Armin Polyversion (Tulsa, OK) - Electronics and Electrical Technician

1995 - 1998

- Troubleshot, maintained, inspected and repaired mechanical, electromechanical and electronic systems used in the process of manufacturing various plastics
- Responsible for redesigning electrical control systems of machinery streamlining the build process and reducing complexity
- Designed, built and implemented an electronic safety system used in the production of plastic gloves to prevent the intrusion into areas of machine operation that were potential safety hazards
- Proposed and implemented temperature controls that replaced mechanical controls that resulted in greatly improved temperature accuracy that improved product quality
- Identified and developed a solution for a long standing issue with power switching relays that controlled heating elements, resulting in a nearly 200% increase in reliability reducing operating costs and down time.
- Designed and implemented an electronic switching system that allowed for higher production rates than the existing mechanical system

Professional Propeller (Tulsa, OK) - Electronics Technician

1993 - 1995

- Troubleshot, maintained, repaired and installed electronic and electrical equipment for the use in outboard boats

- Responsible for implementing a program in-house to reduce turn around time on electrical and electronics sold.
- Identified common failures or such things as electronic depth finders, maintained an inventory of repair parts, reducing repair turn around times to as little as 24-hours in many cases
- Repaired 12, 24, and 36 volt electric trolling motors
- Set up in-house testing, and provided support for electric trolling motors sold that simulated real world use providing much improved diagnostic of intermittent issues
- Self-taught TIG welding in order to assist with the repair of aluminum and stainless steel propellers to enhance productivity during periods in which other repair work was minimal

United States Army - Tactical Satellite Communications

1985 - 1990

- Basic Training at Fort McClellan, AL
- AIT at Fort Gordon, GA
- Stationed at Camp Humphreys, South Korea
 - 229th Signal Company, 8th Signal Brigade
 - Tactical Satellite Communication Systems Operator 31Q