

# Scotty Hall

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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

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### [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

- Troubleshooted, 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

- Troubleshooted, 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