Scott Hall

Network Technician, Python Automater, Microcontroller Enthusist, Challenge Seeker

- Email: reddirt@duck.com
- LinkedIn
- GitHub

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)

Work History

Ascension Health Systems (TEKSystems)

May 2021 - Current

- 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
    - Documentation of IDF/MDF's
        - Identifying rack equipment
        - Cable labeling
        - Identification of unused switch ports
        - Removal of unused cables
        - Decommissioning of Cisco infrastructure

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 facillities
    - 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 that 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