

Network Engineer

Carbondale, IL - Email me on Indeed: [indeed.com/r/da6d178dfdc36852](https://www.indeed.com/r/da6d178dfdc36852)

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Network Engineer

Information Technology Network Engineering - April 2017 to Present

Information Technology - Office of Information Technology at Southern Illinois University

- * Configuring and Installation of cisco switch Models such as: 2950, 2960-S, 2960-X, 4500.etc
- * Configuring and installing Cisco Wireless Access Point Model Such as: 702, 2602i, 2702i, 3502, 3502e, etc.
- * Created Wireless Redesign using Survey PRO software that was implemented into buildings around campus to ensure best wireless coverage.
- * Negotiated Fluke Device Network Maintenance contract, to ensure that our devices were under the maintenance of Fluke Networks for a reasonable price.
- * Receive and respond to incoming incident tickets in which I go on site (if required) troubleshoot and resolve wireless issues for customers.
- * Maintained Wireless LAN Controllers.
- * Created Network Wireless Documentation Diagrams Using Microsoft Visio.
- * Ensure that physical desktop connections (i.e. RJ-45 Ethernet jacks, RJ-11 telephone modem jacks, connectors between PCs etc.) are in proper working order.
- * Monitored Network Devices using Nagios SNMP Software.

Student

Southern IL University Carbondale - August 2012 to May 2017

As a student at southern IL university I gained knowledge and familiarity with multiple software's and programs)

Microsoft Office Suites

- * Became familiar with programs in the Microsoft suites such as Word, Excel and PowerPoint.

Microsoft Visio

- * Gained Familiarity with Visio after creating multiple diagrams to show visuals to show the process of a project in my project management course.

MySQL

- * Became familiar with SQL upon completion of multiple homework assignment and in-class labs. With the implementation of things such as Creating tables, using basic select statements to query data from tables. Using multiple operators to filter and sort data.

Active Directory Configuration

- * Gained knowledge of AD after completing Cloud and Networking Project. Required to install and configure AD server. Create user and groups and assign them proper permissions.

DNS Configuration

- * Became knowledgeable of DNS after completing a project that required me to configure a DNS server on a client Using windows server 2012 r2 via a virtual machine (Vsphere).

DHCP Configuration

- * Became knowledgeable of DHCP after completing a project that required me to configure a DHCP server on a client Using windows server 2012 r2 via a virtual machine (Vsphere).

Cisco Network (Routing and Switching)

- * Gained knowledge and became familiar with the cisco OS after the completion of multiple in class and homework assignment. Which consisted of creating subnet using VSLM, switch configuration creation of multiple Vlans Vlans, Vlan Trunking, port interface configuration, router configuration. Also implementing layer 2 & 3 protocols such as ARP, Dynamic Trunking Protocol, OSPF, RIP.

Understand and describe network architectures

- * Created multiple topologies to plan the infrastructure of my networking projects.

Web Applications (HTML, Java)

- * Gained Knowledge of HTML, Java upon the completion of multiple in class labs and homework assignments. Designed a personal webpage using programming languages such as CSS and java script.

Vulnerability Assessment Analysis

- * Became familiar with vulnerability assessment upon the completion of multiple assignments that require me to use software such as Wireshark and OpenVAS. I was required to scan the network I was connect to and analyze packets.

Systems Intern

Roseland Community Hospital - June 2012 to August 2012

manage and install newly implemented software, provide trouble shooting and configuration to end-users, layer 2 & 3 devices)

The Roseland Community Hospital Internship provided me with an understanding of real world work experience, and created a portfolio of the work I was engaged in.

- * Assisted staff directly with technical issues and troubleshooting (Desktop, Phone, etc)
- * Achieved project planning and documentation for projects
- * Developed documentation, presentations, and processes for the technical team
- * Developed a method of tracking work using Microsoft Excel
- * Worked with patch panels and switches
- * Ensure that physical desktop connections (i.e. RJ-45 Ethernet jacks, RJ-11 telephone modem jacks, connectors between PCs etc.) are in proper working order.
- * Performed troubleshooting and cable terminations under CAT 5, 6 and 7 standards
- * Configured routers and switches using multiple protocols
- * Contributed many ideas to meetings with managers in regards to vulnerability assessment reporting and increasing an efficient and effective work flow
- * Established work flow processes, working relationships between analyst and managerial positions, documentation, methods to close vulnerability assessment findings

EDUCATION

B.S. in Information Systems Technologies

Southern Illinois University - Carbondale, IL

August 2012 to May 2017

SKILLS

Active Directory (4 years), Cisco (4 years), Microsoft Visio (4 years), Visio (4 years), vulnerability assessment (5 years)

ADDITIONAL INFORMATION

SKILLS AND ATTRIBUTES

- * Microsoft Office Suites
- * Microsoft Visio
- * MySQL
- * Active Directory Configuration
- * DNS Configuration
- * DHCP Configuration
- * Troubleshooting
- * Cisco Network (Routing and Switching)
- * Understand and describe different WAN technologies and their benefits
- * Understand and describe network architectures
- * Understand, configure, and troubleshoot serial connections
- * Installation and Upgrading Computers
- * Web Applications (HTML, Java)
- * Data Entry
- * Database Analysis and Design

- * Project Management
- * Vulnerability Assessment Analysis
- * System Analysis
- * Network Security
- * Process Modeling
- * Leadership
- * Technical Writing (including Documentation)

- * Communication Skills
- * Team Player