

**Alison Wood**  
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**Objective** To build networks with management and monitoring environments that are productive and resourceful.

## **Employment**

### **Network Architect**

Oregon State Data Center – September 2005 – *Present*

Duties:

- Lead a team of eleven network engineers in managing and maintaining a large, critical enterprise network.
- Solve complex network and application issues.
- Implement ipv6 on enterprise networks
- Build, monitor and maintain Nagios, Statseeker, Netscout PM, and Solar Winds Tools.
- Build, monitor and maintain Cisco Prime.
- Build, monitor and maintain Cisco Access Control Server.
- Design and write reports on capacity planning, and advise customers on network requirements.
- Develop procedures for multimillion dollar network equipment upgrades and replacements.
- Instruct technicians on network design, deployment and tools
- Build, deploy, remotely upgrade and troubleshoot Cisco routers and switches in diverse WAN, LAN and Campus environments.

### **Network Management Specialist**

Oregon Department of Human Services – December 1998 – September 2005

Duties:

- Create technical guides and web sites for technical staff and management.

- Design on-line source for technical training tools.
- Write white papers on Network Management and Monitoring.
- Write white papers on wide area network latency for application development teams.
- Write troubleshooting guides for large Service/Help Desk.
- Document and configure network monitoring tools including Nagios, Tivoli Netview, Cisco Works, MRTG, Compaq Insight Manager, Kentrox Service Point Manager, and Netscout Performance Monitor.
- Design, build and deploy Cisco Network Registrar on Solaris and Linux servers to service DNS and DHCP needs for 20,000 clients.
- Design, build and deploy Cisco Access Control Server for network device authentication and VPN Radius Services. Train engineers via on-line learning.
- Assist in application development and network troubleshooting using packet capture tools including Ethereal and EtherPeek
- Design and implement telework programs.
- Instruct technicians on network design, deployment and tools
- Build, deploy, remotely upgrade and troubleshoot Cisco routers and switches on diverse WAN, LAN and Campus environments using OSPF, RIP, and MPLS
- Advise executive staff on network tools and network monitoring systems
- Build and maintain web servers for intranet use
- Work directly with local technicians to troubleshoot and repair LAN and WAN latency and subsequent trouble
- Assist in the architecture and maintenance of WAN consisting of over 350 frame-relay and point to point circuit locations
- Work directly with telco technicians to resolve data circuit trouble

## **Network Analyst**

Oregon Department of Transportation - April 1998 – December 1998

### Duties:

- Install and configure network monitoring tools including TME 10 and CA Unicenter
- Build, deploy, upgrade and troubleshoot over 100 Cisco routers and switches
- Assign IP addresses
- Troubleshoot LAN and WAN problems both locally and remotely
- Advise management of cost saving solutions for WAN deployment and upgrades
- Administration and training of network analyzer products
- Work directly with telco technicians to resolve data circuit trouble

## **Network Specialist**

Valley Insurance - June 1995 - April 1998

### Duties:

- Establish wiring topologies for token ring and Ethernet environments
- Establish and deploy a Class C IP scheme
- Install and maintain HP Openview
- Install and maintain a tape backup system
- Manage HelpDesk and advise PC specialists on solving trouble calls
- Deploy and troubleshoot PC hardware and software
- Tune OS/2 Warp and Novell servers
- Manage routers and hubs in LAN and WAN environments
- Implement WAN connections using T1, ISDN, and frame relay connections
- Maintain a ROLM phone system
- Advise management on hardware and software purchasing decisions
- Train end users
- Provide technical support to end users
- Troubleshoot a full imaging system
- Provide technical support for 3270 emulation
- Design and implement all equipment for remote sites
- Working with several operating systems including OS/2 2.11 and WARP, Novell, Windows 95, Unix and DOS

## **Spinning Instructor**

Gold's Gym - November 1996 - April 2004

**Education** Bachelor of Science  
Western Oregon University  
Class of 1995

**Major:** Computer Science

**Minor:** Business Administration

**Activities:** Team captain for the women's track team, NCAA All-American in track and field

## **Certifications**

Certified Web Designer, June 2000

## **Additional Training**

Certificate of completion for Unix II

Certificate of completion for Cisco Router Troubleshooting  
Certificate of completion for Advanced Cisco Router Configuration  
Certificate of completion for Cisco Switching  
Certificate of completion for Introduction to Cisco Router Configuration  
Certificate of completion for bridges  
Certificate of completion for switches  
Certificate of completion for Systems Management Server  
Certificate of completion for Quality Awareness Training