

Lucas A. Wood

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Skills

Networking

IPv4, IPv6, 802.11
802.1q, spanning tree

Applications

BIND, OpenVPN, KVM,
Apache

Programming Languages

C, PHP, Python, Ruby, Java, Javascript

Operating Systems

Linux, Mac OS X, Windows

Platforms

Cisco IOS, Cisco IOS-XE, EdgeMax, VyOS
Linux / Netfilter / Quagga / Xorp

Experience

Networkmaine *Orono, ME*

Network Engineer I (*October 2012 – Present*)

- Maintain large scale WAN and LAN system
- Developed back-end management software utilizing MySQL/Oracle and PHP
- Manage Wireless Infrastructure for UMS and MSLN Networks
- Built Front-End Management system for OpenVPN
- Maintain VyOS firewall for UMS DC services
- Act as 2nd tier support for Networkmaine NOC

Networkmaine *Orono, ME*

Video Support Specialist (*August 2011 – September 2012*)

- Provided support for Cisco TANDBERG and Polycom devices
- Managed Cisco Movi and Scheduler account database
- Developed back-end system to allow for easier management of users
- Improved management skills of Windows Server 2003 and Active Directory

Education

UNIVERSITY OF MAINE *Orono, ME (December 2013)*

- B.S. in Computer Science
- Senior Project: Developed a python based application for managing Cisco hardware via telnet.

Activities

CYBERSECURITY TEAM

- Assistant Captain, Network Architect, Systems Administrator
- Placed 3rd in the 2012 North East Collegiate Cyber Defense Competition(NECCDC)
- Organized techniques and guidelines for our competition strategy. Planned and implemented both the practice and lab networking environments. Focused on layer 2 and 3 security.

NECCDC White Team Member

- Volunteer Network Architect
- Helped organize, design, and maintain the networking infrastructure for 2013 NECCDC.

References Available Upon Request