

William Voorhees

80 Hilltop Ln, Apt 209
Mankato, MN 56001

(320) 223-5187
employment@willz.org
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Education

Master of Science, June 2010

Computer Science

North Dakota State University
Fargo, ND

Bachelor of Science, May 2008

Computer Science

Institute of Technology
University of Minnesota - Twin Cities
Minneapolis, MN

Work Experience

Lead iOS Developer

October 2011 – Present

Unbound Concepts, Baltimore, MD

Designed and implemented iOS application for startup company. Worked with other programmers to integrate application with server-side processing. Currently planning beta release for user testing and evaluation. Responsible for app store submission, development version control, and deployment to end users.

Programs Used: Xcode 3, Xcode 4, Apple iOS, Adobe Photoshop

Contractor

September 2010 - July 2011

Linz, Austria

Contracted as system administrator, video editor, and English teacher. Performed self-study in video editing, video special effects, Django framework, Ruby on Rails, and Cisco IOS.

Programs Used: Final Cut Express, MPEG Streamclip, Adobe Photoshop, Django

Network Administrator

June 2009 - May 2010

SpaceAge Synthetics, Fargo, ND

Performed overhaul of in-house network, including installation of Small Business Server 2008 for a Windows Domain and installation of Exchange 2007 for larger mailboxes, better office collaboration, and out of office notifications, as requested by employees. Added wireless network for employees and guests. Redesigned and rewired core network for TIA compliance and Gigabit support for users of large data files. Extended and updated backup system to include on-site disaster tolerance and reduced need for backup media. Created extensive documentation on new server infrastructure to aid outside contractors.

Programs Used: SBS 2008, Exchange 2007, Dia, Symantec Backup

Network Administrator Intern

June 2008 - August 2008

Metropolitan Airports Commission, Minneapolis, MN

Assisted in day to day operations of network. Completed workstation imaging and deployment project to greatly speed deployment of a standard software image to new systems. Assisted with vendor research and selection for offsite backup solution and disaster recovery plan. Configured network switches and assisted with server installation. Designed and implemented router and firewall rules to integrate with other organization networks. Assisted with router virtualization project to streamline network management.

Programs Used: Vyatta router, PuTTY, Windows Server 2003, VMware ESX

Web Master

September 2003 - September 2010

Minnesota American Legion Boys State, Minneapolis, MN

Developed and maintained an informational website to increase interest in program. Wrote a PHP/MySQL web application for candidate registration and management, easing office staff workload. Created an online voting application for program voting, greatly reducing the time required to tally ballots. Served as program's Technology Committee chair and Technology Director. Lead efforts to improve use of technology.

Programs Used: NetObjects Fusion, Coppermine, WSFTP, Drupal, MySQL, PHP

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Computer Skills

Operating Systems: Windows 9x/ME/NT/2000/XP/Vista/7, Windows Server 2003/2008, Linux, Mac OSX, Mac OS 9, Sun Solaris 10, Apple iOS 4/5

Languages: Python, JavaScript, PHP, VBScript, AppleScript, C, C++, Objective-C

Web Markup: HTML5, HTML4, CSS, XML

Frameworks: Django

Programs: Microsoft Office 95-2010, Final Cut Express, Adobe Acrobat Professional, OpenOffice, Adobe PhotoShop, Adobe InDesign, Adobe PageMaker, Mozilla Firefox, Internet Explorer, Google Chrome, Thunderbird, Outlook, Outlook Express, WinSCP, FileZilla, SSH, Putty, Dia, Drupal, WordPress, Audacity, Mercurial, Norton Ghost, Acronis True Image, TrueCrypt, Xcode 3, Xcode 4

Server Software: Exchange 2007, MySQL, Microsoft SQL Server, Apache web server, FileZilla, SSH, Symantec Backup, ACT! By Sage (CRM)

Networking: Vyatta router, ShoreWall, Cisco routers and switches, managed switches (Dell, Netgear, and D-Link), SonicWall SSL VPN, SonicWall routers, WatchGuard firewall, WAPs

Virtualization: VMware ESX , Proxmox, VMware Fusion, VirtualBox, Microsoft VirtualPC

Certifications

CompTIA A+ Certified	December 2007
CompTIA Network+ Certified	October 2005
Cisco CCENT Certified	April 2008 - April 2011

Activities

The Zipline Show Co-Host (Technology Podcast)	2010 - Present
National Eagle Scout Association	2002 – Present
Austro-American Society	2010 - 2011
Minnesota American Legion Boys State Counselor	2004 - 2010
Minneapolis Police Reserve Officer	2007 - 2008
T'ai Chi Student Group	2007 - 2008
American Mensa Member	2005 - 2007

Honors

Phi Kappa Phi Honor Society	2009
University of MN IT Honors Program	2004 - 2008
Robert C. Byrd Honors Scholar	2004
MN American Legion Boys State Samsung Award	2003
Eagle Scout Award	2002