

# Nathan Watson

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*Objective:* Seeking paid internship or part-time position in systems administration, web application design, or software development.

## *Education:*

### **Northern Virginia Community College**

Work towards B.S. in Computer Science, May 2009 – Present (Part Time)

### **University of Massachusetts Lowell**

Work towards B.S. in Computer Science, September – December 2008

### **Briar Woods High School**

Advanced Studies Diploma - June 2008

### **C.S. Monroe Technology Center**

Computer Systems Technology - June 2007

Program in computer hardware, software, installation, maintenance, and network administration.

### **Thomas Jefferson High School for Science and Technology (TJHSST)**

Attended September 2004 - June 2006

## *Experience:*

### **Synectics for Management Decisions, Inc. (May 2009 – Present)**

Intern

UNIX systems administration, application deployment, and other miscellaneous tasks.

Contact: Ping Wang, pingw@smdi.com

### **REHAU, Incorporated (May 2007 – August 2008)**

Intern, Information Technology & Information Systems Department

Primarily maintaining 200+ Windows XP/2000 workstations, user support, and inventory, as well as occasional Windows Server domain administration, Lotus Notes/Domino Server administration, and other miscellaneous IT tasks such as scripting and implementing new administration tools.

Contact: Charlie Altman, charlie.altman@rehau.com

## **Voluntary and Personal**

- Intranet2 Development Team (TJHSST) – contributed to CSS design and PHP code
- Web design for various clubs and organizations using any of the following: LAMP (Linux/Apache/MySQL/PHP), XHTML, CSS, Content Management Systems (Drupal, Gallery2)
- Built and operate colocated personal server, providing shell accounts, DNS, Apache, email, Xen virtual machines, VPN, XMPP chat, public NTP, and tunneled IPv6 connectivity
- Visualizations using Graphviz and social networking APIs

## *Skills:*

### **Operating Systems (use and administration)**

- Windows 9x/2000/Me/XP, Server 2000/2003
- Linux operating systems (Debian-based, RHEL-based, others)
- Solaris, BSD, Mac OS X, “Classic” Mac OS - some experience

### **Applications, Services, Standards, Languages**

- Web Standards: LAMP (Linux/Apache/MySQL/PHP), XHTML, CSS
- Services: BIND DNS server, ISC DHCPD, Active Directory, Postfix MTA, OpenVPN
- Virtualization & Hardware Abstraction: VMware, Xen, VirtualBox, RAID, LVM
- Shell scripting (bash, batch files)
- Use of C, Java, some Perl
- Microsoft Office suite, Lotus Notes, Windows utilities
- UNIX command line tools, graphical environments (desktops, common applications, configuration)

## **Other**

- CompTIA A+ Certified (hardware and operating system technologies)
- FCC licensed amateur radio operator, Amateur Radio Emergency Service member