

Andrew M Bates

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409 N. Garfield St
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• Languages

- C, Python, C++
- Batch, Shell

• Networking

- Apache, nginx, IIS
- Ethernet TCP/IP, Infiniband, SAN
- Wireshark, nc
- NFS, rsync

• Databases

- MySQL, PostgreSQL, SQLite
- LDAP, AD

• Web Development

- HTML5, CSS
- Bootstrap, Pocomo
- Drupal, Umbraco

• Operating Systems

- FreeBSD 5.2 – 11
- Linux (CentOS, Arch, Debian, Ubuntu)

• HPC Management

- PBS, Torque, Maui
- Zabbix, Ganglia
- Puppet
- DNS, DHCP

• Tools

- Vim, Atom
- Git & Github, SVN
- Google Search Engine
- VirtualBox, Hyper-V, vSphere ESXi, Joyent Triton, Amazon AWS

Education

BS Computer Science Washington State University

Qualifications

Creative problem solving skills, inquisitive, & critical thinker
Enthusiastically support/lead a team or work independently
Self-directed, observant, analytical, & seek creating order

Passions & Courses

Software Engineering – verification and validation
Algorithm design/analysis, data structures, systems dev.

Work & Experience

September 2013 – May 2014

- Lead WSU senior design team of 4 to research and expose NUMA functionality in FreeBSD

January 2010 – September 2014 Tech Assistant III

- Setup, maintained, & scripted management and backups of client/staff help desk services
- Designed, developed, and maintained program to test the WSU ResNet network for 18 months

September 2014 – 2015 Admin Services

- Maintain client staff website & Info Systems support
- Developed procedural guidelines to direct effective team communication, standards, and operations

September 2015 – current WSU, VCEA

- Re-design, manage, maintain, test, patch, and develop infrastructure to support high performance computing

Organizations

President, Linux Users' Group, January 2012 – 2014

- Lead meetings, content, tutoring, and events
- Plan out and build servers, hands-on lab, and websites

Officer, Computer Security Group, August 2012 – 2014

- Teach/Set up meetings, events, and labs

WSU Hackathon Organizer, June 2013 – 2014

- Prepare students, faculty, and companies to participate

Other

Holds technician HAM license (KG7BTT)

One year fencing, two years martial arts, & practicing yoga