

ALEXANDER SIMCHUK

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Experience

- **Computer Action Team**—Portland State University
Systems Administor (Droog): September 2012 - present
 - Manage Linux systems for the College of Engineering and Computer Science
 - Use Configuration Management and version control extensively
 - Troubleshoot user issues and document resolution
 - Created scripts to automate daily tasks
- **College of Computer Sciences**—Portland State University
Computer Science Volunteer Tutor: Spring 2013 - Fall 2013
 - Assist students with intro level (CS161-CS202) computer science assignments involving Python, C++, and Java
 - Teach essential programming tools, including: vim, gcc, gdb

Education

- **Portland State University**—Portland, OR
B.S. in Computer Science
 - Expected graduation date: June 2016

Skills

- **Operating Systems:**
 - Proficient with Debian/Ubuntu
 - Familiar with Windows, Solaris and Red Hat
- **Computer Languages:**
 - Proficient in C++,HTML,PHP
 - Familiar with CSS, Ruby, Python, Java, SQL, bash
- **Tools and Systems:**
 - Proficient in GDB, Git, IRC, Puppet, VIM, NFS
 - Familiar with MS Office Word, Excel, and Powerpoint
 - Familiar with Apache, OpenLDAP, rsync, scp, LXC container's

Achievements and Activities

- Configured LAMP server for employee management web app with MySQL integration
- Building test web application for managing employees using HTML/CSS for frontend PHP scripting and MySQL for the backend
- Building test online store for selling origami items

- Configured OpenLDAP server with backend and frontend data replicated from existing infrastructure for a test web application interface
- Updated documentation for setting up an OpenLDAP server in the College of Engineering and Computer Science environment
- Wrote and ran a lab for setting up a basic NFS infrastructure on several VM's
- Mentored lab sessions for setting up basic Unix services including: LAMP stack, Databases, Git, NFS, Nagios
- Attended Rackspace's Openstack Training program
- Attend Puppet Users group meetings
- Attend PDX devops