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 documantation for setting up an OpenLDAP server in the College of Engeneering 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