

IAN SHEARIN

zabacad@gmail.com · 541 870 0887 · www.zabacad.com

OBJECTIVE

A career in software development and server administration.

EDUCATION

Oregon State University

Bachelor of Computer Science, June 2013

Minor in Spanish · GPA of 3.53

EXPERIENCE

Cloud Systems Engineer

August 2013 – January 2016 · Operations · Tier One · Acquia, Inc.

Provisioned, configured, and troubleshooted Ubuntu Linux, XFS, Apache HTTPD, PHP FPM, Memcached, Percona DB (MySQL), GlusterFS, Varnish, Nginx, and TLS on thousands of AWS EC2 instances serving enterprise-grade, high-availability Drupal websites. Worked with custom configuration and record-keeping tools written in Ruby, PHP, and Puppet, and directly with AWS tools. Created tools to automate common tasks. Wrote procedures and documentation.

Participated in an on-call rotation using Nagios, Check_MK, and PagerDuty to respond to outages. Used Graphite, Grafana, Percona tools, Varnishtop, Strace, and other shell tools to diagnose and resolve issues.

Web Developer

September 2012 – June 2013 · Professional and Noncredit Education · Oregon State University

Maintained existing Drupal 6 website. Worked with graphic designer to create and modify pages to fit university style guidelines. Researched upgrading to Drupal 7. Created multimedia interactions to supplement online courses. Wrote a Drupal 7 module for storing course infrastructure student data.

Senior Capstone Project

September 2012 – June 2013 · Office of the Registrar · Oregon State University

Created a web-based system running PHP and MySQL to allow departments to submit course offerings to The Office of the Registrar. System connected to an existing legacy Oracle database for validation.

SKILLS

Server operation: Bash scripting and one-liners, AWK, Sed, and other shell tools.

Cloud and visualization: AWS EC2, ELB, and IAM. LXC and VMware ESXi.

Operating systems: Ubuntu and Debian Linux and pfSense. Some experience with Windows Server.

Documentation: Markdown, MediaWiki, and Confluence.

Web development: PHP, SQL, HTML, and CSS. Some experience with Drupal development.

Other languages: C and Python.

Graphic design: Vector iconography and design for the web. Photography.