

# IAN SHEARIN

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## 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.