

## PORTFOLIO

<https://github.com/xiongchiamiov>

## PROFESSIONAL EXPERIENCE

### iFixit

*Code Frog (DevOps Engineer)*

**March 2011 – present**

Improve scalability and reliability of architecture and deployment process to support the Dozuki SaaS platform.

Maintain server provisioning scripts (RightScripts and Chef) for Amazon EC2 instances.

Install, modify, and write development tools (e.g. Webgrind, statsd).

Monitor server and application metrics using Ganglia and collectd.

Monitor error and warning logs and work with other developers to track down issues.

### XYZ Textbooks

*Web Programmer / Sysadmin*

**June 2008 – March 2011**

Designed and developed intranet organizational web tools using Symfony.

Maintained colocated CentOS web server running Cherokee, Apache, Redmine.

Modified open-source online homework systems (WeBWorK, IMathAS) and worked with developers to merge patches upstream.

### Cal Poly

*Web Developer*

**July 2008 – November 2008**

Developed new department websites using Django and PostgreSQL.

Maintained legacy PHP+MySQL websites.

Migrated content from legacy websites to new Django-based websites.

Improved customer satisfaction by resolving old bugs and feature requests.

### Taft Union High School

*Web Developer*

**Summer 2006**

Rearchitected loose confederation of web pages into a coherent entity.

Designed a standard UI for pages.

Developed a simple PHP template framework.

## SKILLS

**Backend:** Python (Django), Ruby (Sinatra), PHP (Symfony, custom), Perl, Java (JSP, JSF)

**Frontend:** HTML, CSS (SASS), Javascript (jQuery, MooTools)

**Unix shell:** Shell scripting (sh, bash, zsh), sed, awk, grep, Python, Ruby

**Linux:** Red Hat family (CentOS), Arch Linux, Debian family (Ubuntu, Debian)

**Web/Application servers/proxies:** Apache, Cherokee, Nginx, Lighttpd, Tomcat, Thin, uWSGI, HAProxy

**Databases:** MySQL, PostgreSQL, SQLite

**Version control systems:** Git, Mercurial, Subversion

**Issue trackers:** Redmine, Trac, Roundup, Flyspray, Bugzilla, Jira

**Misc:** AWS cloud computing platform, Gearman

## EDUCATION

**California Polytechnic University**, San Luis Obispo, California

*B.S of Software Engineering*

**September 2007 – present**

- Expected graduation date: June 2012

## EXTRA- CURRICULAR ACTIVITIES

### Cal Poly Linux Users Group

Secretary

**2009-2010**

Speaker, *Revision Control*

**January 2010**

Speaker, *Open Source Licensing*

**March 2011**

### Cal Poly Game Development

Treasurer (Founding Officer)

**2009-2010**

### Central Coast Code Camp

Speaker, *Git - Version Control Made Awesome*

**May 2010**