

## EDUCATION

*Bachelor of Science*, Computer Science & Engineering  
The Ohio State University, Columbus, OH  
Expected Graduation: December 2012  
Overall GPA: 3.675 – Major GPA: 3.851

## COMPUTER SKILLS

**Languages:** C, C++, Clojure, CSS, Java, Javascript, PHP, Python, SQL (i.e. MySQL, PostgreSQL)

**Frameworks:** Drupal, WordPress, CakePHP, jQuery, ExtJs, Noir, Android, Flask, SQLAlchemy, elasticsearch

**Operating Systems:**

- Familiarity with common operating systems (i.e. Windows, Mac OS X)
- Extended experience with \*NIX (e.g. Debian, Ubuntu, Arch Linux, FreeBSD) especially command line

**Software:**

- Experience with many \*NIX commands and Regular Expressions
- Experience with development tools for version control, dependency management and productivity, including: Maven, Leiningen, Git, Mercurial, Sass, CoffeeScript, virtualenv, make

## EXPERIENCE

**Lead Web Developer**

Summer 2010 - Summer 2011

*StudioCT* – (614) 247-8747 – a small Communications Technology office dealing in print media, identity, and website solutions

- Acted as an experienced consultant on many projects
- Given lead role on the development of several websites built with WordPress and Drupal
- Developed several WordPress plugins using jQuery and AJAX to improve user experience

**Tech Intern**

Summer 2011 - Autumn 2011

*JackThreads* – JackThreads.com – A fast growing e-commerce site that uses flash sales to sell clothing and accessories for men.

- Made several tools for employees to simplify a variety of tasks
- Experience with CakePHP, an MVC framework. Created and modified controllers, actions, views and models.
- Created complex SQL queries and Cake shells to do a variety of maintenance tasks often involving large sets of data
- Improved automated fraud system and created ExtJs interface for it. This system saved the company thousands when it reached production.

**Freelance Web Developer**

Winter 2010 - August 2011

- Created front-end and PHP application on top of WordPress for halflines.com

**Web Implementation Team for the Ohio State Libraries – Intern**

Fall 2011 -

- Working on large, open source Java application used for document management (Dspace)
- Helped create infrastructure and queries for reports
- Implemented a migration from Solr to elasticsearch. I also created a Clojure project to handle migrating data from Solr to elasticsearch
- Created task to generate and prepend a citation page to PDFs managed by DSpace using iText.

## EXTRA-CURRICULAR ACTIVITIES

**President** of the *Collegiate Web Developers Group*, a student organization at The Ohio State University. The group meets weekly to attend nearby meetups or to learn about new topics as a group through presentations and group investigation.

- Emphasised learning about technologies, including: NodeJs, Clojure, Sass, Git, Haskell, Ruby, and many more
- Increased membership
- Got organization involved with local meetup groups, and organizations