

## Ryan V. McGowan

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### EDUCATION

*Bachelor of Science*, Computer Science & Engineering  
The Ohio State University, Columbus, OH  
Expected Graduation: June 2013  
Overall GPA: 3.675 – Major GPA: 3.841

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### COMPUTER SKILLS

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

**Operating Systems:**

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

**Software:**

- Experience with many \*NIX commands and Regular Expressions
- Experience with development tools for version control and productivity (e.g. Mercurial, Git, SASS, virtualenv)

**Frameworks and Packages:**

- Experience developing for and using Drupal, and Wordpress
- Some Android Experience
- CakePHP (a PHP based MVC framework)
- Flask (a micro web framework for Python)

### 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 several running projects immediately after hiring
- Given lead role on the development of several websites built with CMS's including WordPress and Drupal despite having no prior experience with either platform
- Developed several WordPress plugins to display content 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 console tools for the use of employees to do a variety of tasks.
- Experience with CakePHP, an MVC framework. Created controller actions, views, and modified existing models
- Created SQL scripts and Cake shells to do a variety of maintenance tasks often involving large sets of data
- Improved automated fraud system and created ExtJs interface to free or deleted suspected orders

**Freelance Web Developer**

Winter 2010 -

- Made a simple website with a single page design allowing the user to jump to the desired content
- Created front-end and PHP application on top of WordPress for halfines.com

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

Fall 2011 -

- Working on large, opensource Java application used for document management (Dspace)
- Helped create infrastructure and queries for reports
- Created curation task to prepend a citation page to PDFs managed by DSpace

### EXTRA-CURRICULAR ACTIVITIES

**President** of the *Collegiate Web Developers Group*, a relatively new student organization at The Ohio State University which is just starting to gather clients and develop its own site. Currently, weekly meetings involve students working together on a web related technology (e.g. Ruby on Rails, Nodejs, HAML, Coffeescript).

- Increased membership
- Got organization involved with local meetup groups, and organizations