Ryan V. McGowan

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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

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