

WORK EXPERIENCE

DEVELOPER INTERN

Case Commons; New York, NY

May–August 2011, January 2012

Hired as a full-time summer intern (and returned for winter break) to work on Case Commons's product, Casebook, aimed at assisting case workers with their daily lives. Utilized Ruby on Rails in an agile, pair-programming environment while working in cooperation with Pivotal Labs.

LEAD PROGRAMMER/WEB DEVELOPER

Fox Lane High School Wellness Day Committee; Bedford, NY

2007–Present

Created an online registration and scheduling system for a day of workshops for the school's 1300 students. Includes an intuitive registration interface as well as an administrative system for seamlessly managing workshops, presenters, students, and registration. Managed the project while coordinating with the ever-changing needs of the committee. An ongoing project that is constantly being improved upon and has evolved significantly over its lifetime. Originally written in PHP but has been completely rewritten using Ruby on Rails. Also setup and maintained the virtual-private web server for this project.

LEAD PROGRAMMER/WEB DEVELOPER

Binghamton University Pipe Dream Newspaper; Binghamton, NY

Spring 2010–Spring 2011

Worked on revamping the private workflow management system used by the editors and writers of Pipe Dream (*bupipedream.com*), Binghamton University's largest, oldest, and most popular newspaper. Utilized Ruby on Rails, Node.js, & Redis. Also served as the systems administrator for the Mac-based development and production web servers.

RESIDENTIAL COMPUTER CONSULTANT

Binghamton University ITS, ResCon Program; Binghamton, NY

Fall 2010–Spring 2011

Worked as on-call tech support for on-campus students. Troubleshooted and fixed a variety of software issues with all operating systems.

EDUCATION

B.S., COMPUTER SCIENCE

Binghamton University, Watson School of Engineering & Applied Science

Anticipated May 2012

Senior with one-hundred and ten credits and a 3.656 in-major grade-point average.

VOLUNTEER WORK

FIREFIGHTER

Mt. Kisco Fire Department, Independent Fire Company; Mt. Kisco, NY

2005–Present

SKILLS

PROGRAMMING LANGUAGES

Ruby, C/C++, Java, PHP, HTML(5), SCSS/Sass, CSS, Javascript, SQL, & x86 Assembly

FRAMEWORKS/LIBRARIES

Ruby on Rails, jQuery, & Backbone

DATABASES, QUEUES, & HASH TABLES

PostgreSQL & MySQL database design and administration, Memcached, & Redis.

VERSION CONTROL SYSTEMS

Git & Subversion

OPERATING SYSTEMS & SERVER TECHNOLOGIES

Mac OS X, Ubuntu Linux Server, Windows XP/Vista/7, Apache, Nginx, Node.js, Passenger, Capistrano, & Vlad. Very familiar with the *nix terminal.

OTHER SKILLS

Vim, Pair Programming, Agile Development, Photoshop + Lightroom, iWork, MS Office. Great at problem solving & troubleshooting.

CONTRIBUTIONS

GITHUB

<http://github.com/amarshall>

STACK OVERFLOW

<http://stackoverflow.com/users/211563>

