

Victor Quinn

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Experience

NGP VAN

Senior Software Engineer

Washington, D.C.

March 2012 – Present

- Currently leading a team of developers and a project manager to architect software for the web using Drupal, Django, Node.js, and other web technologies
- Focusing on innovative solutions to new media and interactions with the company's backend systems to and assist in encouraging user engagement in the political process
- Made push to move development process to Scrum-ban and to adopt JIRA for better management of sprint priorities and goals
- Led projects with a team split, half in Boston, half in D.C. to greatly simplify API interactions, to move mechanics client-side where feasible using Backbone.js for better, more snappy user experience, to develop a system for pairing Facebook profiles with voter information using the Graph API, to move the team toward test driven development, and to centrally integrate multiple core internal backend systems
- Latest accomplishment was leading a rewrite of our system for interacting with our multiple backend systems via their APIs, going from multiple methods of interacting to a single unified method including integrated caching, logging, debugging, queueing, and much more.

Amherst College

Web Programmer

Amherst, MA

2008 – March 2012

- Specialized in web development in PHP and Javascript on a Drupal stack, tying into a MySQL database
- Collaborated with a team of developres to create custom tools in order to allow faculty and staff to create rich content for education
- As the User Interface expert on the team, focused on maximizing ease of use through interface design
- Nature of the job required knowledge of the entire IT stack including servers, redundant backups, databases, storage solutions, uptime monitoring, and technologies like Apache and Linux server administration

University of Massachusetts Amherst

Senior Developer and Backup Systems Administrator

Amherst, MA

2005 – 2008

- Specialized in software design for internal processes including, but not limited to, web development, custom Windows application development, and other various scripting
- As the Backup Systems Administrator, gained extensive knowledge on the entire server architecture

Education

Western New England University

School of Law, Juris Doctor Degree

Springfield, MA

2007 – 2011

- Attended part-time at night while working full-time as a computer programmer during the day
- As President of the Intellectual Property Law Association, organized multiple IP awareness events
- Course concentration in Intellectual Property Law including an Independent Study in Patent Litigation
- Awarded two CALI Excellence for the Future Awards for the Highest Achievement in Analytical Methods for Lawyers and Trademark Law

University of Massachusetts Amherst

College of Natural Sciences and Mathematics, B.S. Physics and B.S. Computer Science

Amherst, MA

2001 – 2006

- Completed Double Bachelor of Science Degree Program
 - Served as a New Students Program counselor, helping ease student transition to the University and as a leader for the wilderness orientation program
 - Member of the Computer Science Talent Advancement Program
 - Computer Science Mentor
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Programming Skills

Infrastructures: Expert knowledge of computers, including full IT backend. More than five years experience as a Linux systems admin.

Computer Language Skills: Fluent in PHP, JavaScript, L^AT_EX, Perl, Python, Ruby, Objective-C (iOS), shell scripts, SQL, etc.

CMS and Framework Experience: Guru level familiarity with Drupal, some experience with other open-source CMS's such as Joomla, WordPress. Experience with web frameworks like Django, Ruby on Rails, Sinatra, Express, and Meteor. Personal website (<http://victorquinn.com>) is created using OctoPress.

Version Control: Lots of familiarity working with version control systems such as git or subversion.

Open Source Projects

Ubercart Stripe Module: Developed a module for Drupal's most popular e-commerce system using the Stripe payment processor. Their API was a dream to work with. http://drupal.org/project/uc_stripe

DuckDuckGo Safari Extension: I enjoyed using DuckDuckGo, a search engine which is positioning itself as a more privacy-friendly alternative to Google, so when Apple first released its Extensions for Safari, I jumped at the opportunity to write this Extension. <https://extensions.apple.com>

Alfred Volume Extension: Alfred is one of my must-haves and is used to control almost everything on my system, but one thing it didn't do was control my volume – so I set forth to change that by developing the Alfred Volume Extension. <https://gist.github.com/1794961>

Theme Hider: Starting from a base and solving a seemingly simple problem in Drupal that heretofore went without a solution, I wrote a Drupal module to allow an admin user to selectively hide themes from other users. http://drupal.org/project/theme_hider

Monster Menus: A project begun by Amherst College to deal with inadequacies in granular permissions in Drupal, I have made substantial contributions to this now open source project, both during my tenure at Amherst and after. http://drupal.org/project/monster_menus

Miscellaneous

U.S. Patent and Trademark Office: Registered Patent Agent – Registration Number: 69321

Other: Avid outdoorsman and traveler. Motorcyclist who commutes daily on a Harley-Davidson. Hobbies include tinkering with emerging web technologies, video editing, graphic design, homebrew, and the art of letterpress. Achieved the rank of Eagle Scout on January, 2000.

Reading List: HackerNews, TheVerge, DaringFireball, reddit, PatentlyO