

Marcus Molchany

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Experience

WEB DEVELOPER, NETAPP; RALEIGH, NC – SUMMER 2014 - PRESENT

- Redesigned an RFID printing web service backend to use an API communicating in JSON, and frontend to utilize Twitter Bootstrap styling and modal views.
- Created a touch screen display application to display tour information about NetApp's new data center.
- Redesigned a metrics report web page with a responsive design and custom CSS tables.

AUTOMATION SOFTWARE ENGINEER, NETAPP; RALEIGH, NC – 2012-SUMMER 2014

- Designed and implemented PERL libraries that auto-discover testbed physical hardware and generate SAN configurations based on the discovery and a specified algorithm.
- Merged two existing XML generators and added enhancements using Python. Initiated the use of Agile Scrum methodology for this project.
- Supported and enhanced testing and automation libraries using Perl and C#.
- Mentored and directed an intern during her 9 week project using the Agile Scrum methodology.

SUPERVISOR FOR STUDENT SUPPORT WORKERS DUKE OIT LINK – 2009-2012

- Extended web system using PHP, HTML and MySQL allowing workers to view feedback on their work performance.

Projects

Personal Landing Page

- Built a personal landing page using jQuery and CSS3 for animations.
- Main goals for this page were to design a marketing landing page, practice animations and parallax scrolling
- Most recent additions have been Grunt for task automation and an HTML 5 <video> background

Menu Slider

- A hamburger menu slider in pure javascript and CSS3 for transform animations

Personal Blog

- Built a personal website and blog using Twitter Bootstrap 3, PHP, MySQL, JavaScript and Sass.
- Hosted the project using AWS EC2 and updates are pulled to the instance using git.
- Posted blog entries about the steps along the way so others could learn and create their own page.

Education

Duke University class of 2012, Durham, NC

Dual major Computer Science BS & Electrical and Computer Engineering BSE

- Coursework in Software Design/Implementation, Algorithm Design/Analysis, Computer Architecture, Operating Systems, Network Architecture, Robotics, and Advanced Digital Systems Design.

Skills

Languages, Frameworks and Deployment

- Proficient - Java, Javascript/jQuery, Perl, CSS/HTML
- Familiar - Angular.js, C++, Ember.js, Go, node.js/Express, Objective-C, PHP, Python, Sass, Swift, Amazon Web Services EC2, Docker, Heroku, Grunt, Travis CI, Perforce, Git, and SVN

Hobbies

Running, Mountain Biking, Surfing, SSB:PM, Sport Shooting, DJing, Swimming, Volleyball, Racquetball