

Marcus Molchany

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Bio

A software engineer with a background in computer engineering, experience in web development and looking for a career in software engineering that emphasizes strong teamwork and encourages many new learning opportunities.

Experience

AUTOMATION SOFTWARE ENGINEER, NETAPP; RALEIGH, NC – 2012-PRESENT

- 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.
- Managed 3 large SAN testbeds and performed automated setup, configuration and limits testing against two versions of the ONTAP operating system.
- 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

ConcertSap

- A website that organizes upcoming music festivals and charts the ticket price over time
- Server side code is written in Golang and the front end uses Bootstrap 3 and D3.js

Picture Sync

- Working on a website that allows users to upload one profile picture and push it to multiple accounts.
- Utilizing APIs from: Facebook, Google+ and Twitter (planning to expand to further social platforms).

Personal Website

- 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

- Proficient - Java, Perl
 - Familiar - C++, C#, CSS, Go, HTML, Javascript, Objective-C, PHP, Python
- Experience with Perforce, Git, SVN, and CVS version control systems.
- Experience with Amazon Web Services and Heroku

Hobbies

Crossfit, Table Tennis, Sport Shooting, DJing, Mountain Biking, Surfing, Swimming, Volleyball, Racquetball