

Corey Maynard

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PERSONAL INFORMATION

Address: 6 West Read Street, Baltimore, Maryland, U.S.A.

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Nationality: American

Marital Status: Single

Children: No

Present Location: Baltimore, Maryland, U.S.A.

Date of Arrival: April 1, 2013

KEY SKILLS

- PHP – Seven years experience including: PHP5, OOP, Wordpress
- Website Development – Seven years experience including: HTML, CSS, JavaScript and jQuery, W3C standards and accessibility
- Python – Four years experience with Python and Django
- Linux – Six years experience with Redhat/CentOS including: Apache, YUM/RPM
- Tools – Vim, SVN, Git, Jenkins, PHPUnit, NaturalDocs, Photoshop/Illustrator
- Agile Work-flow – Experience with Scrum Agile Development Model

WORK EXPERIENCE

July 2010-Present

Northrop Grumman Information Systems

Software Engineer II

[Northrop Grumman Information Systems](#)

*Annapolis Junction,
Maryland, U.S.A.*

Software Engineer II

*PHP, Django, jQuery,
CSS, HTML, Linux*

Net Centric Capability Systems Engineering Team

- Developed data generation software using Python, MySQL, and FOSS packet analysis and manipulation software in support of testing core capabilities for a large software deployment and integration program

Cyber Situational Awareness IR&D

- Developed a PHP web application to provide a hierarchical visualization for situational awareness of traffic on the global Internet, or on private networks, capable of handling millions of unique IP addresses in PostgreSQL
- Rewrote core components of the application to use PHP5 classes supported by over 40 unit tests in PHPUnit.
- Created a deployment procedure utilizing Jenkins CI to run the unit tests, build documentation using NaturalDocs, and create RPM packages for installation and setup the application and its dependencies
- Wrote a web installer to handle creating and updating configuration settings and database structures
- Managed and mentored a team of 5 developers, balancing tasking issues, peer review and providing training to improve their skills
- Drafted a XML schema for integration with other applications
- Collaborated and integrated with multiple different external teams to allow the application to be used as the visualization for their data through JMS

WORK EXPERIENCE (CONT)

Northrop Grumman Information Systems (Cont.)

Lean Process IR&D

- Researched and implemented an Agile work flow for continuous integration and testing of applications using Rally, FitNesse, Jenkins and Subversion
- Created a local environment of Fedora's Koji and Bodhi systems for building and packaging software into YUM repositories

Model Based Systems Engineering IR&D

- Development on a Microsoft XNA C# visualization supporting stereoscopic 3D and the Microsoft Kinect for a IBM Rational Rhapsody systems engineering model based simulation
- Integrated with JMS between the application and IBM Rational Rhapsody

March 2008-June 2010

Center for Distributed Learning at UCF

Web Developer

Center for Distributed Learning at University of Central Florida

*Orlando, Florida,
U.S.A.
Web Developer*

*PHP, Django, jQuery,
CSS, HTML*

RedBeard/To Be Done 3

- Developed an internal Django client and course management system to aggregate course, student, faculty & staff information from supported enterprise systems allowing the team to support, develop, and track online courses for the University of Central Florida
- Mentored a team of 3 other developers; delegated tasks and provided training

Techrangers Web Site

- Developed custom W3C Standards Compliant Wordpress theme

The Central Florida Nonprofit Nexus

- Developed custom W3C Standards Compliant Textpattern theme
- Assisted in the transition of the site to Wordpress

PERSONAL PROJECTS

February 2012

Personal Portfolio

I created and developed a replacement for my previous portfolio. The new release is powered by Django 1.3, prior versions of the site were custom PHP applications.

August 2009

Central Florida Rowing

As a member of the University of Central Florida's Crew team, I volunteered to create a new web presence for the team. I designed and created a new OOP application from the ground up to act as a CMS for the team.

EDUCATION

Fall 2006 – Spring 2010

University of Central Florida, Orlando Florida, U.S.A.

*BA: Digital Media
Minor: Secure Computing and Networking*

Bachelors of Arts: Digital Media - Specialization in Web Development and Design with a User Centric focus

Minor: Secure Computing and Networking - Studies in securing networks/software

Courses Include:

User Centered Design

Internet Interaction

Interactive Design

Rapid Web Application Development

Media for E-Commerce

Security in Computing

Cryptology and Information Security