Corey Maynard

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EDUCATION: University of Central Florida (UCF)

Orlando, FL

BA: Digital Media. Minor: Secure Computing and Networking

Fall 2006-2010

WORK HISTORY:

Northrop Grumman Information Systems

Annapolis Junction, MD July 2010-Present

Y: Cyber Software Engineer I

- Net Centric Capability Systems Engineering Team
 - Developed test 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
 - Development on a web application to provide a hierarchical visualization for situational awareness of traffic on the Internet
 - Ported existing Java back end to PHP for a massive speed boost in processing
 - Work to develop the Cyber Markup Language to interact with the application
 - Created a RPM to install and setup the application and its dependencies. Also wrote a PHP web installer to handle creating and updating configuration settings and database structures.
- Lean Process IR&D
 - Development of an Agile work flow for continuous integration and testing of applications under development
 - Integration of Rally, FitNesse (test acceptance system), Jenkins (automated build system), and Subversion to create an automated work flow environment
 - 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
 - Created a Microsoft XNA C# visualization supporting stereoscopic 3D and the Microsoft Kinect for a IBM Rational Rhapsody model
 - Integrates with JMS to exchange messages between the application and Rhapsody to control the visualization

Course Development & Web Services at UCF *Techranger*

Orlando, FL March 2008-June 2010

- Dreadbeard / To Be Done 3
 - Internal Django client and course management system. It aggregates all course, student, faculty & staff information from supported enterprise systems allowing the team to support, develop, and track online courses for UCF
- Techrangers Web Site http://techrangers.cdl.ucf.edu
 - Developed custom W3C Standards Compliant Wordpress theme
- Information Fluency Initiative http://if.ucf.edu
 - Developed custom W3C Standards Compliant Wordpress theme

PERSONAL PROJECTS:

Personal Portfolio – http://www.coreymaynard.com

Web Designer/Developer/Administrator

• W3C Standards Compliant custom Django application

Central Florida Rowing

Web Designer/Developer/Administrator

• W3C Standards Compliant custom CMS written in PHP