

# 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**  
*Cyber Software Engineer I* **July 2010-Present**

- *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 PHP web application to provide a hierarchical visualization for situational awareness of traffic on the Internet, or private networks, capable of handling millions of unique IP addresses
  - Development on a XML schema for integration with other applications
  - Implemented class based models, Unit Tests, and Continuous Integration into the build process to create RPM packages for installation and setup the application along with its dependencies
  - Wrote a 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 suites, 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

**Course Development & Web Services at UCF** **Orlando, FL**  
*Techranger* **March 2008-June 2010**

- *Dreadbeard / 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
- *Techrangers Web Site – <http://techrangers.cdl.ucf.edu>*
  - Developed custom W3C Standards Compliant Wordpress theme
- *Information Fluency Initiative*
  - 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