Michael Rodrigues

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Co-op Availability: January 2015 – July 2015

EDUCATION

NORTHEASTERN UNIVERSITY, Boston, MA   September 2011 – Present

College of Computer and Information Science

Candidate for a Bachelor of Science in Computer Science and Information Science, 2016

Related Courses: Systems and Networks, Algorithms and Data, Theory of Computation, Object Oriented Design, Computer Organization, Info. System Design and Development Database Design, Human-Computer Interaction, Introduction to Web Development

Honors: Dean's Scholarship, Dean's List, National Science Foundation Cyber Security Scholarship

GPA: 3.69/4.00

COMPUTER KNOWLEDGE

Languages: JavaScript (AngularJS, NodeJS), HTML/CSS, Python, PHP, Java, Perl, C
Systems: Windows 95, 98, XP, 7, 8, Linux (Ubuntu, CentOS), Mac OS X
Applications: Eclipse, IntelliJ, SVN, GIT, GIMP, mongoDB, MySQL, VersionOne, Anthill Pro

EXPERIENCE

Web Applications Developer Co-op   January 2014 – June 2014

MITRE Corporation, Bedford, MA

- Developed a new NodeJS campaign service to recommend skill tags to employees using the MEAN stack
- Maintained existing Java and Web Applications through an agile development process
- Rewrote existing applications to abstract the code base, increase efficiency, and convert it to use updated JavaScript libraries such as AngularJS
- Led Daily Standup Meetings for team of six to nine engineers

Symmetrix Systems Integration Engineer Co-op   January 2013 – August 2013

EMC Corporation, Franklin, MA

- Developed four websites, one of which is a firmware repository website which is used internationally to manage drive firmware
- Rewrote various system and test scripts that were previously out-dated, eliminating up to 500 lines of unnecessary code in one script while still adding new features
- Initiated and implemented a new approach to how tests were started, monitored, and conducted to increase efficiency and aid in system test automation
- Created and maintained a drive error logging mongoDB database for all 21 systems in the lab using an intricate Python error collection script and Symmetrix Fibre Channel API

Naval Research Enterprise Intern   May 2012 – July 2012
Science and Engineering Apprenticeship Intern   June 2011 – August 2011

Naval Undersea Warfare Center, Newport, RI

- Developed and updated GUI program that sends and receives commands via network interfaces
- Supervised technical testing performed by contractors
- Designed various functions for a PIC32 Processor enabling data transfer (Ethernet & USB)

INTERESTS

Programming (*Github Username: mrodrig*), Cyber Security/Forensics, Hardware, PC Overclocking, Robotics, RC Cars and Helicopters, Building Computers, Cars, Photography