

Michael Rodrigues

www.ccs.neu.edu/home/mrodrig

Graduation Date: May, 2018

EDUCATION

NORTHEASTERN UNIVERSITY, Boston, MA

September 2011 – Present

College of Computer and Information Science

Bachelor of Science Degree in Computer Science and Information Science (2016) **GPA: 3.77/4.00**

Master of Science Degree in Information Assurance (2018) **GPA: 4.00/4.00**

Related Courses: Foundations of Information Assurance, Network Security Practices,
Systems and Networks, Computer Organization, Info. System Design and Development
Database Design, Algorithms and Data, Human-Computer Interaction

Honors: Dean's Scholarship, Dean's List, National Science Foundation Cybersecurity Scholarship

COMPUTER KNOWLEDGE

Languages: JavaScript (AngularJS, NodeJS), HTML/CSS, Python, PHP, Java, C, Perl

Systems: Windows 95, 98, XP, 7, 8, Linux (Kali, Ubuntu, CentOS), Mac OS X

Applications: Eclipse, IntelliJ, SVN, GIT, GIMP, mongoDB, MySQL, Jira, Stash, Bamboo

EXPERIENCE

Java Web Applications Developer Co-op January 2014 – June 2014, January 2015 – June 2015,
MITRE Corporation, Bedford, MA June 2016 – Present

- Contributed to the development of a new Organization web application used by all of MITRE and was the point of contact for the application's cutover
- Lead the development and requirements elicitation for two new web applications: an external wireless network passcode service and an internal URL shortener
- Developed a new NodeJS campaign service to recommend skill tags to employees using the MEAN stack
- Maintained, enhanced, and rewrote existing applications to abstract the code base, increase efficiency, and convert them to use updated 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- Rewrote various system and test scripts that were previously outdated, eliminating up to 500 lines of unnecessary code in one script while still adding new features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

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