Tyler J. Fitzgerald

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Education

Clemson University	Clemson, SC
B.S in Computer Engineering	3.46 GPA
First Semester Senior	
Hanover High School	Hanover, MA
Graduated, Spring 2012	3.7 GPA

Work Experience

Draper Laboratory, Software Engineering Internship	Cambridge, MA
System Integration, Test, and Evaluation	Spring-Summer 2015

- Assisted in development of multi-platform web app for a Draper customer. The web app was to be used to facilitate the customer's quality assurance tests for their products.
- Created and maintained dynamic web pages (AngularJS) to create, modify, and complete tests. Added a functionality to display customer metrics and incorporated BootstrapJS to assure the app looked proper on all platforms.
- Worked with a team to create Matlab/Java project to parse through repository of interconnected tcl scripts and enumerate structures defined by tcl syntax.

EMC, Software Engineering Internship	Hopkinton, MA
Enterprise Mid-Range Systems Division	Spring-Summer 2014

- Performed as part of a small scrum team responsible for production of office infrastructure applications.
- Developed web pages for use in infrastructure applications according to requests received by other employees.

Technical Skills

Languages: C, C++, Python, MATLAB
Web Development: HTML, JavaScript, AngularJS, Node.js, Bootstrap, MongoDB, MEAN stack, SQL, PHP, CSS, Heroku
General: Linux (Ubuntu and Red Hat), Microsoft Visual Studio, Android Development, Git, SVN, GDB, Raspberry Pi

Honors & Activities

Clemson 3D Printing Club Founder	Member of The Delta Chi Fraternity
National Honors Society	HS Basketball & Soccer Captain