# **Tyler J. Fitzgerald**

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TylerFitzgerald.net

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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 completetests. 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 requestsreceived 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