CARLTON J. DUFFETT

carlton.duffett@gmail.com

School Address:	carltonduffett.com	**Permanent Address:**
10 Buick Street, Box 8623		23 Grand Hill Dr.
Boston, MA 02215		Dover, MA 02030

EDUCATION:

Boston University College of Engineering, Boston, MA
- Bachelor of Science in Computer Engineering, graduating in May 2016
- Member of Tau Beta Pi Engineering Honor Society
- GPA: **3.93/4.0**, Dean's List 6 consecutive semesters

PROFESSIONAL EXPERIENCE:

GE Intelligent Platforms   May 2015 - August 2015

Engineering Intern   Huntsville, AL
- Designed a RESTful service as a common interface to all test equipment
- Unified the test platforms for single-board computers and embedded systems

InterSystems Corporation   May 2014 - December 2014

Product Support Intern   Cambridge, MA
- Supported the development and maintenance of internal web applications
- Improved an internal app used to log facilities requests, enabling its mobile and worldwide use

ADDITIONAL EXPERIENCE:

Boston University College of Engineering   January 2013 - Present

Teaching Assistant   Boston, MA
- Lead weekly lab and discussion sections, proctor and grade exams
- Create self-grading, embedded MATLAB problems to enhance online coursework

Technology Innovation Scholars Program (TISP)   January 2014 - Present

Inspiration Ambassador   Boston, MA
- Mentor a FIRST robotics team and lead presentations that encourage STEM
- Developed a 1-hour module to teach students the basics of mobile app development

PROJECTS:

Common Test Platform (Python, Java, HTML/CSS)
- o A RESTful service that provides a common interface to all test equipment
- o Expanded all test software to use this new interface

Facilities Manager (JavaScript, HTML/CSS, SQL, Caché ObjectScript)
- o An internal web application that tracks facilities requests at all InterSystems offices
- o Innovatively redesigned the app for worldwide and mobile use as a summer intern

TECHNICAL SKILLS:

Software:	RESTful APIs, Python, JavaScript, HTML/CSS, C/C++, MATLAB, Java, Amazon Web Services, iOS development, Android development, PHP
Hardware:	Verilog, microcontrollers, electronics, circuits, assembly language (MIPS)