

# CARLTON J. DUFFETT

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## School Address:

518 Park Drive, Box 6062 SCA  
Boston, MA 02215

## Permanent Address:

23 Grand Hill Dr.  
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## 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: **3.92/4.0**, Dean's List 5 consecutive semesters

## PROFESSIONAL EXPERIENCE:

### **InterSystems Corporation**

May 2014 - Present

Product Support Intern

Cambridge, MA

- Support the development and maintenance of internal web applications
- Improved an internal application used to log facilities requests, enabling its use worldwide
- Independently developed the mobile version of this application

## ADDITIONAL EXPERIENCE:

### **Boston University College of Engineering**

January 2013 - Present

Teaching Assistant, EK 127

Boston, MA

- Invent challenging long-term projects for students, 3 per semester
- 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

- Engage K-12 students in interactive, fun presentations that encourage STEM
- Developed a 1-hour module to teach students the basics of mobile app development

## PROJECTS:

### **Facilities Manager** (Caché ObjectScript, HTML/CSS, SQL, JavaScript)

- o An internal web application that tracks facilities requests at all InterSystems offices
- o Innovatively expanded the app for worldwide and mobile use as a summer intern

### **EZ-Resistor** (Java, XML, C++, Objective-C)

- o An Android and iOS app for engineers, students, and hobbyists who work with circuits
- o Project lead, graphics and interface designer; full iOS developer

## TECHNICAL SKILLS:

Proficient:	C/C++, MATLAB, JavaScript, HTML/CSS, Verilog, Caché ObjectScript
Prior Experience:	iOS development, Android development, Python, PHP
Operating Systems:	Microsoft Windows, Mac OSX, Unix/Linux
Programs:	Adobe Photoshop, Microsoft Office