

# CARLTON J. DUFFETT

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## School Address:

518 Park Drive, Box 6062 SCA  
Boston, MA 02215

## Permanent Address:

23 Grand Hill Dr.  
Dover, MA 02030

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## EDUCATION:

### **Boston University College of Engineering**, Boston, MA

- Bachelor of Science in Computer Engineering, expected in May 2016
- GPA: **3.90/4.0**, Dean's List 4 semesters

## 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 for worldwide and mobile use as a summer internship project
- **Penguin** (HTML, CSS, PHP, MySQL, Facebook and Twilio APIs)
  - o A social tool that facilitates spontaneous interaction between friend groups
  - o Developed as part of a team; implemented graphics, Twilio API, and MySQL database
- **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 designer, and interface designer; full iOS developer

## TECHNICAL SKILLS:

Proficient:	MATLAB, C/C++, Objective-C, iOS development (proficient)
Prior Experience:	Android development, Microsoft Visual Basic, Python, PHP
Operating Systems:	Microsoft Windows, Mac OS X, Unix, Linux
Programs:	Adobe Photoshop, Microsoft Office

## RELATED EXPERIENCE:

### **InterSystems Corp.**

May 2014 - Present

Product Support Intern

Cambridge, MA

- Improved an internal web application used to log facilities requests for worldwide use at all InterSystems offices
- Developed the mobile version of this application to benefit employees companywide

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

January 2013 - Present

Teaching Assistant, EK 127

Boston, MA

- Invent challenging long-term projects for students, 3 per semester
- Co-instructor of bi-weekly computer lab sessions, teaching students Matlab
- Leader of weekly discussion sections, exam proctor and grader

## ADDITIONAL EXPERIENCE:

### **Design Light Company**

June 2012 – September 2014

Lighting Technician

Dover, MA

- Responsible for lighting and architecture installations as part of a team
- Drove company truck, loaded and unload equipment, managed warehouse inventory