

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

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

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
- Teach Matlab to 50+ students in bi-weekly computer lab sessions
- Lead weekly discussion sections, proctor and grade exams

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

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 and interface designer; full iOS developer

TECHNICAL SKILLS:

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