

CARLTON J. DUFFETT

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School Address:

140 Bay State Rd. Box 5156
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: 3.88/4.0, Dean's List 3 semesters

PROJECTS:

- **Pinguin** (HTML, CSS, PHP, MySQL, Facebook and Twilio APIs):
 - o A web application that facilitates spontaneous interaction between friend groups
 - o Developed as part of a team at Y-Hack; personally responsible for graphics, Twilio API implementation, and MySQL database implementation
 - o Available at <www.pingui.in>
- **EZ-Resistor** (Java, XML, C++, Objective-C):
 - o Android and iOS app for engineers, students, and hobbyists who work with circuits
 - o Project lead, graphics designer, and interface designer; full iOS developer
 - o Available on the Google Play Store
- All source code is available at <github.com/cjduffett>

TECHNICAL SKILLS:

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

RELATED EXPERIENCE:

Mechanical Engineering Department, Boston University

January 2013 - Present

Teaching Assistant, EK 127

Boston, MA

- Develop long-term projects for students, 3 per semester
- Co-instructor of bi-weekly computer lab sessions, teach students MATLAB
- Lead weekly discussion sections, exam proctor and grader

ADDITIONAL EXPERIENCE:

Design Light Company

June 2012 – Present

Lighting Technician

Dover, MA

- Responsible for lighting and architecture installations as part of a team
- Drive company truck, load and unload equipment, manage warehouse inventory

Lego Brand Retail

August 2011 – June 2012

Sales Associate

Natick, MA

- Served as a retail floor representative and cashier, regularly organized the stockroom
- Awarded best customer service of the week; top-ranked sales representative

ACTIVITIES & INTERESTS:

- Member, Boston University Technology Innovation Scholars Program (TISP)
- Member, Boston University Community Service Center/Alternative Spring Break