

# Edward Luo

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## EDUCATION

**Boston University, College of Engineering.**

Graduating May 2017

B.S. in Computer Engineering, Boston, Massachusetts, United States.

Honors: Dean's List; cumulative GPA: 3.68/4

*Applied Algorithms for Engineers*

January-May 2015

- Learned how to optimize programs and minimize costs
- Built a chess AI in C++

*Logic Design*

January-May 2015

- Learned how to program hardware using Verilog to implement logic gates, flip-flops, and memory

*Software Engineering*

September-December 2014

- Used Linux terminal commands to compile programs
- Designed a game simulating fish and sharks using C++ and object-oriented techniques
- Utilized UML diagrams to organize class abilities within software
- Developed the XML layout of Android apps

*Engineering Computation*

September-December 2013

- Debugged and added features to a Space Invaders clone made from scratch using Python

## SKILLS

**Proficient computer languages:** Java, C++, Python, HTML, CSS, Javascript, LaTeX, MATLAB

**Familiar computer languages:** C#, PHP, Ruby, SQL, C, Verilog, R

- Tutored middle school, high school, and college students by teaching the steps to solve mathematics problems
- Certified by Microsoft in operating systems

## WORK EXPERIENCE

**Global App Initiative (Student Organization at Boston University)**

October 2013-Present

*Android Team Manager(Client: 2013-2014: Engineers Without Borders, 2014-2015: Boston University Community)*

Boston University, Boston, MA, USA

- Instructed people on the basics of Android and Java app development as well as usage of the Google Maps API
- Knowledge of Android Studio and the Android operating system
- Attended meetings with clients and collected data to establish the application's requirements
- Co-developed an Android application for Engineers Without Borders illustrating antenna construction
- Working on an application designed to help users find their way through Boston University

**Boston University NISLAB**

May-August 2015

*NISLAB Researcher/Programmer*

Boston, MA

- Developed a simulation to find the most efficient method of parking cars
- Wrote programs to work with both a CLI and a GUI, increasing application usability
- Worked to implement the ideas of my team and push my ideas forward

**WuXi AppTec (药明康德)**

June-August 2014

*IT Department Intern*

Wuxi, Jiangsu, China

- Configured and installed Windows 7 on computers using Symantec Ghost
- Helped people troubleshoot hardware issues
- Translated text from Chinese to English