

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

- Worked with classmates to quickly approximate Traveling Salesman Problem for large values
- 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 the model-view-controller pattern
- Utilized UML diagrams to organize class variables and functions within software
- Developed the XML layout of Android apps; analyzed code to fix bugs

Engineering Computation

September-December 2013

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

SKILLS

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

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

- Tutored students in one-on-one mathematics sessions
- Wrote an app that extracts location data of buses from JSON API
- Participated in multiple hackathons, including BostonHacks.

WORK EXPERIENCE

Global App Initiative (Student Organization at Boston University)

October 2013-Present

Android Team Manager (Client: 2014-2015: Boston University Map, 2015-2016: WTBURadio)

Boston University, Boston, Massachusetts, United States

- Instructed people on the basics of Android and Java app development as well as usage of the Google Maps API
- Attended meetings with clients and collected data to establish the application's requirements
- Developed an application designed to help students navigate Boston University called *Boston University Map*
- Extracted information from JSON, XML, and HTML files to convert website and song information into a radio app

Boston University NISLAB

May-August 2015

NISLAB Researcher/Programmer

Boston, Massachusetts, United States

- 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