

# Ellen Lo

An engineer interested in exploring multimedia as means of  
storytelling through aesthetic compositions and visualizations

[Portfolio](#) / [Github](#) / [Linkedin](#)

Boston, MA  
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## EDUCATION

**Boston University** Boston, MA  
Bachelor of Science in Computer Engineering  
GPA — 3.49

Expected May 2019

## EXPERIENCE

### **Pill and Pillow, Hong Kong**

Jun 2017 - Aug 2017

*Programmer Intern*

Development of [experimental VR projects](#) with HTC Vive and Leap Motion in Unity as a means to expand client market.

Experience design and prototype with openFrameworks and Screenflow for [Very Hong Kong Very Hong Kong exhibition website](#).

### **First Code Academy, Hong Kong**

May 2016 - Aug 2016

*STEM Course Instructor Intern*

Taught programming with Scratch and App Inventor, and Robotics with Dash and Dot to children age 6-15 years old.

Designed and expanded curriculum of Scratch Programming and Robotics courses.

### **BU Digital Learning and Innovation, Boston, MA**

Jan 2017 - Jun 2017

*Marketing Assistant*

Designed and maintained Wordpress site by modifying HTML and CSS styling.

Generated promotional graphics using Illustrator and Sketch.

## PROJECTS

### **woodpeckersPro (Physical Computing Project)**

Using Arduino, sensors, and circuit applications to build a device that detects and deters woodpeckers for house protection <http://bit.ly/2osEBQd>

### **Virtual Ball Pit (Virtual Reality Experience)**

Using Unity (C#) and HTC Vive to create an immersive ball pit in virtual reality <http://bit.ly/2DXOHVU>

### **Embedded Pong (Physical Computing Project)**

Using Kinect and QT to create a single player motion-controlled Pong game on LCD screen through Gumstix <http://bit.ly/2s57Z69>

### **Portfolio site design (Website)**

Using HTML, CSS, and Three.js to create portfolio site <http://bit.ly/2GKJwqa>

## SKILLS

**Programming** C++, Arduino, Unity, Javascript, openFrameworks, node.js, Python, Matlab

**Design** HTML/CSS, Adobe Creative Suite, Sketch, AutoCAD

**Language** Cantonese (native), English (fluent), Mandarin (fluent), Japanese (conversational)

## HONORS & ACTIVITIES

**Dean's List** in Boston University College of Engineering, Fall and Spring '17, and Fall '18

**President** in Bulletproof Funk, Boston University, 2016 - 2018

**Programmer** in BU STEAM, Boston University, 2016

**Designer** in Global App Initiative WTBU App, Boston University, 2015