

## Education

**Olin College - Needham, MA**

May 2016

*Candidate for B.S. in Electrical & Computer Engineer. GPA 3.71*

Courses Include: Software Design, User Oriented Collaborative Design, Human Interface Design, Game Programming, Computer Architecture, Discrete Math, Signals and Systems, The Entrepreneurship Initiative: Tech Startups

## Work Experience

**WGBH - Brighton, MA**

Summer 2014

*Digital Team Developer intern*

Used Javascript, HTML, & CSS to create promo page for PBS series

Used Angular JS and Raphael JS to create visual and functional elements for a Nova Labs project

**Course Assistant - Olin College**

Fall 2013

*CA for Modeling & Control (first year circuits course)*

Hosted weekly tutorials and office hours

Graded lab work

## Projects

**Ghost Fiddle**

Fall 2013

*Principles of Engineering*

Designed, constructed, and integrated mechanical, electrical, and software components to create a robotic glass harp which students could send songs to from anywhere on campus via our Raspberry Pi hosted website

**Genetic Programming**

Spring 2012

*Software Design*

Created a Python module for coevolution genetic programming

Ran simulations for and created visuals of predator and prey evolutions over millions of years

**The Fish Tank**

Spring 2014

*User Oriented Collaborative Design*

Conducted focused research and codesign exercises with drag queens

Designed and modeled a space that would function as a salon by day and club by night

## Skills

**Code**

HTML, CSS, JavaScript (Node, Angular, Raphael), Python, Arduino C

**General Skills**

Adobe Photoshop, Adobe Illustrator, Adobe Premiere, UI Design, Solidworks, Latex, Matlab, basic machining skills