



# Chelsea Bailey

Full Stack Web Developer

Project Manager



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(603) 715-0329

**I believe** engineering and the arts go hand in hand

**I believe** engineering starts and ends with people

learn more about me at **chelseabailey.me**

## Education

Olin College - Needham, MA

May 2016

Candidate for B.S. in Electrical & Computer Engineering. GPA 3.66

Courses Include: Software Design, User Oriented Collaborative Design, Human Interface Design, Game Programming, Data Visualization, Olin.js, Critical Reflective Writing

## Work Experience

Continuum - Watertown, MA

Summer 2015

*Software Intern*

Designed and implemented an internal web application for resourcing

Used a self-developed stack (Node JS, OrientDB, Angular, and Hapi) to improve resourcing methods

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

## 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

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, Express, Hapi), Python, Arduino C

General Skills

Adobe Photoshop, Adobe Illustrator, Adobe Premiere, UX Design, Solidworks, Latex, Matlab, database design and implementation, basic machining skills