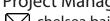
# Chelsea Bailey

Full Stack Web Developer Project Manager



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

Needham, MA May 2016

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

## Work Experience

Continuum - Software Intern

Watertown, MA Summer 2015

I designed and implemented a web application for internal resourcing using a self-developed stack (Node JS, OrientDB, Angular, and Hapi). To a design firm like Continuum that manages multiple projects and clients at a time, resourcing is a constant struggle and I made a solution that they've been trying to create for years, while also providing an example of cutting edge code libraries that they plan to investigate.

WGBH - Digital Team Intern

Brighton, MA Summer 2014

I used Javascript, HTML, & CSS to create a promotional page for PBS series, *Sacred Journeys*. Upon early completion of my first assignment, I went on to use Angular and Raphael JS to create animations and complete a minigame for a Nova Labs project focused on cyber security.

#### Projects •

**Ghost Fiddle - Principles of Engineering** 

Fall 2013

I acted as project manager, mechanical lead, and a member of the software subteam on a project where we created a robotic glass harp. This was my first of many experiences with full stack web development as we built a site to allow students anywhere on campus to send songs for our robot to play.

The Fish Tank - User Oriented Collaborative Design

Spring 2014

I lead a team of five as we discovered the design process by meeting drag queens, developing personas, and codesigning with our users. We created a physical model of our solution - a salon by day/club by night that would allow drag queens to connect across age and social groups while also having opportunities to learn and perform.

#### 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

#### **Hobbies**

musical theater, improv, spoken word poetry, video making, arts & crafts