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 (intro to D3), Olin.js (JavaScript), Foundations of Computer Science, 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 team of four. For out project 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 led 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
JavaScript (Node, Angular, Raphael, Express, Hapi), Python, Arduino C, OCaml, HTML, CSS,

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, video games, arts & crafts