Chelsea Bailey

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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