

ALEX CAULFIELD

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65 Bromfield Rd. Somerville, MA 02144

EDUCATION

Tufts University Medford, MA

B.S. Computer Science and Cognitive & Brain Sciences, Expected May 2018

- GPA 3.71
- Dean's List Fall 2014 - Spring 2017
- Captain of the Men's Ultimate Frisbee Team (2016 - Present)

SKILLS

HTML, CSS, Javascript, Node.js, Backbone/Marionette, Groovy, C/C++, Java, Jenkins, Git, MongoDB, UI/UX Design, Wireframing, x86 Assembly, HubSpot Inbound Marketing Certified, Adobe Creative Suite

EXPERIENCE

Genospace Cambridge, MA

Software Engineering Intern, May 2017 - Present

- Worked with the full stack in Backbone.js, Grails, and MongoDB in an Agile development team of 4
- Edited the design of webpages with Marionette to improve user experience for a data science team
- Developed functionality of the backend by helping the application ingest data from large medical files to automate the processing of files so that data does not have to be manually input by the user
- Created unit tests and developed using the MVC pattern

Asset Strategy Advisors Natick, MA

Marketing & Communications Intern, May 2016 - August 2016

- Developed new page templates with HTML, CSS and JavaScript
- Increased user retention leading to a decrease of 10% in bounce rate
- Created email campaigns that improved click rates and resulted in added leads in Salesforce

PROJECTS

Essentials Spotify Web Application

Web Engineer, December 2016 - Present

- Developed an application that finds new music and creates playlists for users using the Spotify API
- Created graphs showing musical trends leading in user's listening

Mix Master Interactive DJ Game

Web Engineer, April 2017 - Present

- Created a game that uses the Spotify API to gather songs that users can put into a DJ set to score points based on song similarity
- Played extensively by over 100 users in class and used as an example project by the professor

Self-Driving Car UI HCI Design Prototype

UI/UX Designer, February 2017 - May 2017

- Worked on developing a user-friendly interface for a self-driving car for a HCI course project
- Used Balsamiq to mockup to design and HTML/CSS and the Google Maps API for the prototype