ALEX BEALS



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WORK EXPERIENCE

**DALI Lab –** Hanover, New Hampshire

*Software Developer* **September 2015 – Present**

* Programming in small teams on a variety of projects, ranging from iOS apps to responsive websites
* Lead programmer on in-progress tutoring app that aims to facilitate matching tutors and students

**Hurricane Development –** Westfield, New Jersey

*Senior Programmer* **June 2013 – September 2015**

* Freelance web design in a small company
* Lead designer and programmer on multiple commercial websites, leveraging HTML, CSS, PHP, SQL, and JavaScript

**Knowledgent –** Warren, New Jersey

*Software Engineering Intern* **Summer 2014**

* Created ‘Data Lake’ implementation using Apache Hadoop with team of five
* Incorporated Hortonworks Falcon and Titan graph database to display file ingestion and file modification

PROJECTS

**Colorize http://alexbeals.com/projects/colorize**

*HTML, CSS, PHP, SQL (MySQL)*

* Created web application to turn a word into a color by aggregating image results
* Gets hundreds of daily hits, with over 200,000 page hits in September 2016 alone

**Dartmouth Room Search http://dartmouthroomsearch.com**

*HTML, CSS, PHP, SQL (MySQL)*

* Created web application designed to help Dartmouth students find housing options
* Developed easy to use sentence-based search interface

**GroupMe Analysis http://groupmeanalysis.com**

*HTML, CSS, JS(jQuery), PHP, SQL (MySQL)*

* Web application to analyze GroupMe groups, from a popular messaging application

**What’s Line? https://itunes.apple.com/app/id1047047797**

*Swift, PHP, MySQL (Backend)*

* Created app to make it easy to keep track of people in line for use at Dartmouth
* Simplifies adding people to a line as well as changing positions, and removing people

**Web Portfolio http://alexbeals.com**

*HTML, CSS, JS (jQuery)*

* Designed single page website to demonstrate projects and showcase web skills

EDUCATION

**Dartmouth College –** Hanover, New Hampshire **Anticipated June 2018**

*Computer­ Science, Math*

Software Design & Implementation, Smartphone Programming, Discrete Math in Computer Science, Algorithms, Computer Graphics, Intro to Human-Computer Interaction

**Westfield High School –** Westfield, New Jersey **June 2014**

*National Merit Finalist, 2014 National AP Scholar Awardee, NHS 2013-2014*

LANGUAGES

**Expert (>2 years’ experience) Competent (>1 year experience) Familiar (<1 year)**

HTML Java Objective-C

CSS Visual Basic SVG

Python SQL Swift

PHP Bash

JavaScript/jQuery