ALEX BEALS



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WORK EXPERIENCE

**Instagram –** Menlo Park, California

*Software Developer* **June 2017 – September 2017**

* Worked with Instagram team on Ads Creation and Management
* Added the ability to use existing Instagram media to create ads across the FB family of products

**mscripts –** San Francisco, California

*Software Developer* **November 2016 – March 2017**

* Built out full support dashboard to connect IVR, ticketing, and reporting platforms
* Developed mobile wrapper for responsive web to allow it to utilize on device biometrics, cameras and notifications while maintaining the flexibility and ease of update of web
* Designed program to automatically update customer phone numbers to prevent PHI disclosure

**DALI Lab –** Hanover, New Hampshire

*Software Developer* **September 2015 – November 2016**

* Programming in small teams on a variety of projects, ranging from iOS apps to responsive websites
* Lead programmer on tutoring app that aimed 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 https://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 650k total page hits and an average time of 2.5 mins

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

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

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

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

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

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

**Glean https://alexbeals.com/projects/glean**

*HTML, CSS, JS, Python*

* Won $2000 and first prize in a Dartmouth hackathon for a Chrome extension to summarize news articles and compute bias, along with providing alternative articles for new viewpoints

**SurfShield https://alexbeals.com/portfolio/surfshield**

*HTML, CSS, JS, Python*

* Won first prize for Dartmouth hackathon for a Chrome extension to monitor and alert cyberbullying and profanity in browsed websites

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 (>3 years’ experience) Competent (>2 year experience) Familiar (<2 year)**

HTML Java Objective-C

CSS Visual Basic Swift

Python Bash SQL

PHP

JavaScript/jQuery