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

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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		