

RAKSHIT GARG

Software Engineer

408 324 4998
raks.garg@gmail.com
Mid-June to Mid-September

Education	University of California: Los Angeles — 2014 - 2018 B.S. Computer Science	 github.com/gargium
Experience	SeeDoGive – Technical Development Intern — October 2014 - Present Aided in transition from Objective-C to Swift for client-side mobile application. Helped design various UI elements and conducted numerous cycles of testing. AmongTech — Technology Writer — September 2013 - December 2013 Researched product launches in the industry. Wrote over 20 articles that were published on the website. Optimized search engine optimization for numerous articles. Pinchit SF/Tag – Business Development Intern — June 2013 - September 2013 Location-based iOS social network. Presented and pitched tweaks to User Experience. Gauged client interest and marginal satisfaction between updates to streamline experience. Milpitas High Journalism — Web Developer — September 2012 - June 2013 Designed an online newspaper for the Journalism class, created a strong following amidst readers at the school. Wrote a front-end, and used Wordpress on the backend.	
Personal Projects	Cypher (iOS) Crowd-sourced freestyle rapping. Designed algorithms to split up a song and locally splice two sound files together and used Facebook SDK. Unplug Pro (iOS) Aggregation of information from the accelerometer, gyrometer, and magnetometer to detect an iPhone's movement. gargium.github.io (HTML/CSS/Javascript) Personal website that was written based on Bootstrap to showcase projects and creations.	
Course Projects	Boulder Blast (C++) Implemented a puzzle arcade-style game based on a provided OpenGL framework. Game design, including inheritance flow between classes and implementation of all classes, was from the ground up. Web Steganographer (C++) Implemented an LZW compression algorithm based on a provided web scraper that encodes and decodes secret messages in HTML source files. Wrote an open hash table to handle all requests to store, encode, and decode characters.	
Coursework	CS31/32 - Intro. to C++ (Data Structures, Algorithms, and Polymorphism) Math 32A/B - Vector Calculus CS 33 - Intro. to Computer Organization Math 33B - Differential Equations	
Skills	Languages: HTML/CSS, C++, Java, Objective-C Technologies: Git, Adobe Creative Suite, Linux (.deb based), Brackets	