Joyce Yan

EDUCATION

2013-2017 (EXPECTED)	University of Southern California
	Undergraduate junior. Currently pursuing a B.S. in computer science. Major GPA: 3.5

WORK EXPERIENCE

FALL 2016	**Software Engineering Intern, Google**
	I'll be working on Snapseed, a stand-alone photo editing app developed by Google.
SUMMER 2016	**Security Software Engineering Intern, Snapchat**
	I'm working with the Security team on detecting third party clients and improving Snapchat's CAPTCHA.
SUMMER 2015	**Infrastructure Software Engineering Intern, Facebook**
	I worked with the GraphStore team to update our data model layer from types to fragments, which helps decrease the binary size. The API I developed for iOS product developers is written in Objective-C++, and I worked on the JavaScript code generator to generate the object models from the GraphQL queries.
JAN 2015 TO DEC 2015	**Undergraduate TA at USC (10 hrs/week)**
	Responsible for lab checks and office hours in our undergraduate Data Structures course.

OPEN SOURCE PROJECTS

WINTER 2015	**Signal iOS, Open Whisper Systems**
	Worked on the 2.0 release of Signal, a Snowden-endorsed open source messaging app that provides end-to-end encryption. Specifically implemented support for audio messages, the ability to invite friends to use Signal, and modifying an external UI library, JSQMessagesViewController.

PERSONAL PROJECTS

SPRING 2015	**Kindling (Android app)**
	Built an Android app in a team of 5 that functions like Tinder, but allows users to filter matches by intelligence. Worked on developing the Android activity flow, implementing the swipeable cards, and generating matches.
AUG 2014	**Jukebox (iOS app)**
	Built a Parse-powered iOS app that made collaborative music playing easier as a part of the Facebook University iOS training program. I worked in a team of 3, and I specifically worked on setting up user accounts, Facebook login, geo-location based searching, and design.
JAN 2014	**BitCash (web service)**
	Worked in a team of 4 at LA CodeDay to develop a Node.js service that allows users to send Bitcoins via email. Specifically worked on front-end design of the service. Winner, Best Application and Best Integration of SendGrid API.

SKILLS

LANGUAGES:	Objective-C, C++, Java, Python, HTML5, CSS3, JavaScript, jQuery
TOOLS:	Git/GitHub, Node.js, Parse API, Facebook API, Google Maps API, Bootstrap, LaTeX
PLATFORMS:	iOS, web, Android

CONTACT

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