

Joyce Yan

EDUCATION

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

WORK EXPERIENCE

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| FALL 2016 (PRESENT) | Software Engineering Intern, Google Working on developing features for Snapseed, a stand-alone photo editing app developed by Google. |
| SUMMER 2016 | Security Software Engineering Intern, Snapchat Worked with the Security team to detect 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

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| 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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