

# Joyce Yan

## EDUCATION

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

## WORK EXPERIENCE

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SUMMER 2015    Infrastructure Software Engineering Intern, Facebook  
Working on the iOS Core Systems team.

JAN 2015    Undergraduate TA at USC (10 hrs/week)  
TO PRESENT    Responsible for lab checks and office hours in our undergraduate Data Structures course.

## OPEN SOURCE PROJECTS

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JAN 2015    Signal iOS, Open Whisper Systems  
TO PRESENT    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.

SPRING 2015    Battleship Game (Java applet)  
Built a multiplayer Java applet that simulates a Battleship game that incorporates animations, sound effects, and more. Two users can login and play Battleship against each other.

AUG 2014    Jukebox (iOS app)  
Built a Parse-powered iOS app that made collaborative music playing easier in a team of 3. 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.

NOV 2013    Jeopardy for Classroom (web app)  
Worked in a team of 5 at the Internet of Things Hackathon to develop a crossplatform jeopardy game, with a web page serving as a scoreboard and Android phones serving as buzzers. I specifically worked on front-end design and development. 3rd place in Education Category.

## SKILLS

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

## CONTACT

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