

Education

- University of Southern California, B.S. in Computer Science expected 2021, GPA: 3.34
- 8 years study of Mandarin Chinese at ILR Level 2 Limited Working Proficiency

Experience

5/2018-8/2018 **Quizlet** San Francisco, CA
Software Engineering Intern

Worked on the iOS app on a cross-functional team working on international expansion. Helped work on an app redesign for back-to-school 2018, including personally architecting and implementing a tab to show notifications, and built an Augmented Reality matching game. quizlet.com

2/2017-7/2017 **Monkey** New York, NY
Lead iOS Engineer

Responsible for complete implementation of custom in-app messenger front end, as well as other new features, bug fixes, and maintenance of entire app for over 3 million users who have placed billions of calls on the social network startup. Left this job to pursue CS at USC. monkey.cool

1/2018-present **USC Viterbi Information Technology Program** Los Angeles, CA
Teaching Assistant

Teaching assistant/grader for ITP 342, Mobile Application Development, which covers the development of iOS apps written in Objective-C and Swift. itp.usc.edu

6/2010-present **Independent iOS Developer**

Developed many apps for iOS independently and with others at hackathons, including a custom app for Mendham High School students and staff, an Objective-C interpreter at MHacks (*Codebox*, winter 2015), and a natural language based finance app at PennApps (*Token*, PennApps fall 2015), and others listed at harrison.click.

7/2015-9/2015 **Hardbound** New York, NY
iOS Engineer

Developed initial beta for Hardbound, new mobile-based format for books, including work on internal API and JSON based page rendering engine for future cross platform compatibility. hardbound.co

7/2014-present **Keypad** New Jersey/Tel-Aviv
macOS Engineer

Co-developed award winning dialer for OS X to place calls through Continuity feature in OS X Yosemite. Featured in The Verge, 9to5 Mac, CNET, iMore, among others. getkeypad.co

7/2013-6/2015 **Lake and Wetland Management** Delray Beach, FL
iOS Engineer

Developed and shipped purpose built iPad app for handling field reports by remote employees and other forms. lakeandwetland.com

Skills and Accomplishments

- iOS, watchOS, tvOS, macOS
- Swift
- Objective-C
- C++
- Java
- Interface Builder/Auto Layout
- Git/source control
- 2014, 2015, 2016 merit based scholarship to Apple's Worldwide Developers Conference