

REID E. CHATHAM

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EDUCATION:

Swift Summit, San Francisco, CA	October 2015
Swift international development conference	
Swift Summit, London, UK	March 2015
Swift international development conference	
University of Florida, Gainesville, FL	December 2014
Bachelor of Science, Mechanical Engineering	

SOFTWARE PROFICIENCIES:

Swift - Functional Programming - MVC - MVVM - Git - Github - Atlassian - Cocoapods - Carthage - SPM
Xcode - Sublime - MatLab - LabView - Word - Excel - Powerpoint - SolidWorks - Nastran/Patran - SketchUp

EXPERIENCE:

Hermes Messenger - CEO/iOS Developer	January 2015 - Present
<ul style="list-style-type: none">• https://itunes.apple.com/us/app/hermes-translator/id1088107640?mt=8• Developed translating messenger for iOS in Swift using Microsoft Translate API.• Pushed weekly updates focusing on feature enhancements and bug fixes.• 1 month development cycle from first prototype to AppStore.• Developed UI and UX design in Sketch 3 and Interface Builder.• Partnered with RISE (Refugee and Immigrant Services) to enhance communication efforts with refugees in Kenya.	
Crossfader - Freelance iOS Software Engineer, San Francisco, CA	October 2015 - August 2016
<ul style="list-style-type: none">• https://itunes.apple.com/us/app/crossfader/id628517073• Developed live emoji-feedback mechanism connecting the DJ to their listeners while mixing.• Performed UI Testing ensuring clean UI for supported languages and screen sizes.• Implemented Continuous Integration and Continuous Deployment using Travis CI and Fastlane.• Created custom merchandise advertisements to promote paid services and monetize users.• Conducted analytics and user tracking for live feedback and merchandise advertisements.• Programmed automation of UI screenshots for AppStore using Snapshot.	
Ayyeka - Mechanical Engineering Intern, Jerusalem, Israel	Summer 2014
<ul style="list-style-type: none">• Worked as lead mechanical engineer on staff managing interns during Operation Protective Edge.• Designed new waterproof electronics enclosure with IP67 rating.• Performed injection molded plastic, sheet metal, machined part design.• Created CAD wire assembly schematics for installation of Wavelet systems.	

OPEN SOURCE: <https://github.com/rchatham>

Peer Connectivity, Functional wrapper for Apple's MultipeerConnectivity framework.
<ul style="list-style-type: none">• Custom framework designed to provide a simple and clean API for mesh-networking.• Cleanly handles the pitfalls of implementing a mesh-network.• Reduces boilerplate and enhances readability of mesh-networking code.• Makes minimal assumptions on implementation.• Cocoapods and Carthage supported.• https://github.com/rchatham/PeerConnectivity• https://cocoapods.org/pods/PeerConnectivity

COMMUNITY SERVICE:

Birthright Trip Lead Staff - 2015
Mission Trip to Cuba - 2012
Wekiva River Clean-ups - 2011, 2012, 2014
Dance Marathon - 2010, 2011, 2012, 2013

INTERESTING FACTS:

Plays Acoustic Guitar
Dog Owner
Extreme Sport Enthusiast
Avid Concert Goer