RC

RYAN COHEN

iOS Developer

Hoboken, NJ

I am ambitious, creative, and very curious. My objectives are to learn more about my craft, build effective solutions, and make a change.

WORK EXPERIENCE

GOTENNA

Software Engineer | Sep, 2016 – Dec, 2017

goTenna is a Bluetooth LE-enabled hardware device that pairs with an iOS or Android device allowing users to send text/location messages over an encrypted RF network on a 1-watt UHF radio.

- Maintained an internal and consumer SDK that uses CoreBluetooth to interface with the goTenna device.
- Parsed data from Type-Length-Value (TLV) schemes into native objects.
- Wrote Objective-C implementation of goTenna firmware commands that trigger actions on the hardware via byte packets.
- Worked closely with the firmware team to debug and implement new commands.
- Refactored internal source code, added updated documentation, and implemented issues reported by users on GitHub.
- Worked closely with the firmware team to debug and implement new commands.
- Worked on the iOS companion for goTenna v1, goTenna Pro, and the first generation of the goTenna Mesh device for its initial release, which allowed messages to 'hop' from node to node by being relayed.
- Wrote custom UI elements used in goTenna's application to enhance UX
- Worked closely with the in-house designer to implement major UI redesign.
- Worked with Autolayout and PureLayout for constraining and positioning UI elements.
- Used CoreData and MagicalRecord for handling data throughout the application.
- Implemented Mapbox and Galileo maps to render received locations/pins on a map view.
- Worked with the AWS S3 library to load the latest firmware binary into the app.
- Used Cocoapods to integrate third-party libraries for ease.
- Used PivotalTracker, Leankit, and Bugzilla to manage features, progress, and bug filings from the QA team.
- Worked closely with QA team to debug latest builds.

MCROBERTS PROTECTIVE AGENCY, INC

Software Developer | Dec, 2012 – Feb, 2015

- Ported iOS apps to Android using Java and the ADT bundle
- Built and contributed to applications for clients, including Carnival Cruise
- Designed, demoed, and presented new software both for the company and its clients
- Tested company software for bugs and filed bug reports

EDUCATION

FLATIRON SCHOOL

iOS Development - 2016 - 2016 | 2016 – 2016

PACE UNIVERSITY

Computer Science - 2015 - 2016 | 2015 – 2016

OCEAN COUNTY COLLEGE

Computer Science - 2014 - 2015 | 2014 – 2015

JACKSON LIBERTY HIGH SCHOOL

Computer Science - 2011 - 2015 | 2011 – 2015
Activities and Societies: Computer Science Club, Key Club, etc.

PROJECTS

BOLT

iOS Developer | Aug, 2017 – Current
Bolt helps students at any level achieve success by using innovative adaptive learning technologies to craft personalized learning plans.

DORMSNAP - DORM STYLE SHARING NETWORKING & PRODUCT LOOKBOOK

iOS Developer
Wrote custom UI controls to enhance user experience, built a custom API wrapper and kit specifically for the app. Wrote the first version of the app in Objective-C, used AFNetworking and Amazon S3 to hook the app with our database.

CODEFRIEND - CONNECT WITH LOCAL DEVELOPERS/DESIGNERS IN YOUR AREA

iOS Developer

Worked with the Parse SDK to handle application backend, used Objective-C to write the first version of the app. Won Best Application at Winter CodeDay NYC 2014

QUO - SOCIAL CREATIVE WRITING PLATFORM

iOS Developer

Wrapped a PHP REST API to integrate with the app. Won Best Application at Spring CodeDay NYC 2014. Project source: https://github.com/taptics/quo-ios

WALKMORE - PROMOTING MENTAL HEALTH & FITNESS BY MAKING WALKING MORE INTERESTING

iOS Developer

Worked with Firebase to handle user authentication and storage, used Mapbox to geocode locations, draw polylines, and generate routes. Wrote the first version of the app in Swift. Project source: https://github.com/learn-co-students/ios-0616-team-whale

WWDC '12

Student scholarship | Jun, 2012 – Jun, 2012

Student scholarship recipient.

SKILLS

Objective-C	Swift	Python	Java	HTML	CSS

CONTACT INFORMATION

Email:	notryancohen@gmail.com
Telephone:	908 839 3634
Website:	http://ryans.online