

Russell Stephens

SOFTWARE ENGINEER

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EDUCATION

Drexel University,
Philadelphia, PA

Bachelor of Science in Software Engineering
Minor in Computer Science

SKILLS

Swift, Kotlin, Objective-C, Java, Go, C/C++,
Javascript, HTML, CSS, Shell, Bash,
Python, Ruby

Xcode, Android Studio, Charles, CircleCI,
Jenkins, Travis CI, Terminal, Arduino

OSX, Unix, Linux, Windows

WORK EXPERIENCE

Compass, New York, NY

Software Engineer • May 2016 – Present

- Design, implement, and maintain iOS apps in Swift
- Design, implement, and maintain Thrift to Swift/Kotlin Code Generator in Go
- Maintain company open-source projects, github.com/UrbanCompass/Snail
- Interview potential candidates, scaled team from 2 to 4 engineers
- Write, edit, and release content for Engineering Blog
- Completed an entire rewrite of existing iOS Codebase in Swift
- Reduced iOS Third Party dependences from 25 to 4 frameworks

Tonic Design Co., Philadelphia, PA

Mobile Developer • September 2015 – May 2016

- Designed, implemented, and maintained iOS apps in Swift, Objective-C
- Defined client-server API contracts
- Interfaced with clients
- Defined and estimated work in an agile environment
- Lead project-based development teams
- Interviewed potential candidates

Continental Tide Defense Systems Inc., San Diego, CA / Philadelphia, PA

Software Engineer • December 2013 – August 2015

- Designed, implemented, and maintained iOS apps in Objective-C, C, C++
- Developed in-house CI via Jenkins and OTA distribution via AppBlade
- Designed and developed propriety Multipeer BLE Core Data Serialization Library
- Integrated with 3rd party hardware and SDKs including Thursby PKard Reader
- Interfaced with DoD clients and contractors
- Authored software requirements and design specifications
- Interviewed potential candidates

Teradata Corporation, San Diego, CA

Database Engineering Intern • April 2013 – September 2013

- Developed and designed table operators for Teradata SQL in C/C++
- Authored high-level software design and detailed feature specification documentation
- Developed and maintained scripting suite for in-house development in Bash

Software Support, PWM Inc., Sewell, NJ

iOS/Android Developer • January 2012 – September 2012

- Developed and maintained the Brandsource app suite for iPhone and iPad
- Created and deployed web services in Java
- Developed Electrolux in-house training app for iOS
- Interfaced iOS devices with external hardware including the Linea-Pro case

Freelance, Philadelphia, PA

iOS Developer • June 2012 – Present

- Design, implement, and maintain iOS applications
- Speak at and participate in mobile development meetups and panels
- Actively contribute to various Open Source Swift/Objective-C projects on GitHub

DRS Technologies, Horsham, PA

Software Engineering Intern • March 2011 – September 2011

- Developed and tested software drivers for radar technologies
- Developed software drivers for streaming and controlling IP PTZ cameras in Java
- Designed and developed GUIs to interface with Radar and IP PTZ Hardware in Java