

Skillset

Comfortable and conversant with Swift, Objective-C, the Mac OS X SDK, the iOS SDK, iPhone and iPad design paradigms, and communicating with web services over HTTP; XCTest unit testing; C, Node.JS, Ruby, Ruby on Rails, PHP; HTML, CSS, JavaScript; MongoDB, sqlite3, MySQL. Some experience with Common Lisp, C++, and Java/C#. Very comfortable with Mac OS, Linux, and command-line tools. Familiar with the Agile development methodology, Scrum, Git, Jira, Bamboo, HockeyApp, and TestFlight.

Education

Bachelor of Arts, Bennington College, June 2011
Computer Science, Biology, French Literature

Bennington, VT

Work Experience

Software Engineer, Apple, Inc *(July 2015 – Present)*

- Worked under the Special Projects team in a full-stack capacity
- Maintained and extended legacy OS X apps and frameworks
- Jointly designed and architected new OS X apps and frameworks, written in Swift
- Maintained and extended a legacy Java web application
- Code reviewed Objective-C and Swift code

Senior Software Developer, PIX System LLC *(Aug 2013 – July 2015)*

- Lead and coordinated development of a rewrite of the flagship iOS app
- Maintained currently shipped iOS and Mac apps, adding security improvements and new features
- Contributed to new iOS and Mac products, as well as to a new unified “Foundation” framework for shared code between iOS and Mac clients
- Participated in a deep-dive exploration of AVFoundation framework for streaming video playback on iOS7 and OS X 10.9 and the feasibility of proprietary playback protection
- Experience with DRM, video streaming, video playback, file encryption, and distributed build systems.

Mobile Developer, Mobiquity, Inc *(July 2011 – July 2013)*

- Developed for native iOS, native Mac OS X, PhoneGap, and back-end server
- Often served cross-platform on a single project (mostly Mac/iOS and Node.js)
- Worked closely with other developers, UX/UI designers, QA engineers, tech leads, clients, and client development teams using “agile” methodologies
- Worked on public facing, internal enterprise, and Proof of Concept apps
- Developed software for several different industries, requiring picking up new technologies, standards, and requirements quickly
- Led several development teams

Web Developer / Server Admin, Konnessi LLC

(Dec 2010 – July 2011)

- Developed and maintained LAMP apps (PHP, HTML, CSS, Javascript)
- Developed several client solutions based on Joomla! CMS
- Served as the go-to client and sales support developer
- Responsible for internal dev server and network
- Responsible for maintaining external hosting accounts

References

Available on request.