CLAYTON RIECK

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GitHub • Website

TECHNICAL STRENGTHS

Programming Languages	Objective-C, Swift, Python, HTML, CSS, Javascript, C++
Protocols & APIs	Cocoapods, Beautiful Soup, Firebase, Node.js
Tools	Git/GitHub, XCode, Sublime Text 2

EDUCATION

Wheaton College, Norton, MA   *Graduated: May 2014*
Major: Computer Science

PROJECTS

THVideoFaceSwapper
· A live face swapping iOS app developed using openFrameworks. It swaps your face in the video with a face you choose from the set of preloaded images or an image you take with your camera. GitHub Blog Post

NOGGIN App
· Viacom's first subscription-based app made for Nickelodeon. It has been featured in the App Store under the Kids (5 and Under) and Education sections. It was also featured under Best New Apps upon launch. App Store Website

RZDebugMenu
· An in-app debug menu that injects setting changes during runtime. Settings (as defined in a Settings.plist) and actions for a setting are defined by the developer and can be added to the Debug Menu's built-in observer. The menu handles the changes accordingly. This is a great alternative to a Settings.bundle. A use case is to be able to turn onboarding on and off during debugging. In the Top 200 Cocoapods ranked by popularity. GitHub

cowDuck iPhone App
· Wheaton College application for students. Provides the campus directory/map, dining hall menus, transportation schedule, course selection schedule, and the events calendar. Currently under development for iOS 8 support.

Lexomics
· In charge of updating the UI components and front-end code including, but not limited to, converting XMLHttpRequests to jQuery ajax calls and adding new functionality (e.g. Select All and Delete buttons) Website

TECHNICAL EXPERIENCE

The Hackerati   December 2014 - Present
iOS Developer   *NYC, NY*

· Contributed major functionality and new UI to the existing SOLS medical app (SOLS Rx), and helped lead the development of the new consumer app written entirely in Swift.
· Reestablished the NOGGIN brand for Nickelodeon via the NOGGIN App, a subscription based application. This app was the first of its kind for Nickelodeon and Viacom and pushed them into the cord-cutting market for the first time.
· THVideoFaceSwapper: A live face swapping iOS app developed using openFrameworks. It swaps your face in the video with a face you choose from the set of preloaded images or an image you take with your camera. GitHub Blog Post

Imprivata, Inc   October 2014 - November 2014
iOS Developer   *Lexington, MA*

· Designing and implementing the company's first iOS application for their OneSign product, OneSign Mobile.

Raizlabs   June 2014 - October 2014
iOS Developer Intern   *Boston, MA*

· Implemented an open source debug menu for iOS applications. The menu acts as in-app settings bundle which alters the app based on a setting's value. Contributed to client applications, pushing code daily.

Wheaton College   January 2013 - December 2013
Teacher's Assistant   *Norton, MA*

· Taught students core programming concepts such as, but not limited to, control flow, functions and various mathematical operations in Python
· Taught students the fundamentals of object oriented programming and design outside of class

Liberty Mutual   May 2013 - August 2013
IT Intern, Product and Policy Administration   *Dover, NH*

· Supported and maintained three internal and large scale applications for the Commercial Insurance Line utilizing Java, MySQL and CVS (for version control)
· Conducted code fixes and backend data changes on large scale production environments to meet the new business requirements of the customer and company
· Swiftly produced and pushed efficient resolutions for code defects and issues while still addressing the needs of the business

Liberty Mutual   May 2012 - August 2012
Business Systems Analyst Intern   *Boston, MA*

· Created and updated six tools for the Underwriting Division using Visual Basic and Microsoft SQL. These tools functions ranged from updating databases, generating reports for the actuarial department and gather large data sets over multiple databases for users
· Designed the GUI of the tools, optimized previous code and generated new code from scratch for new tools
· Increased the efficiency of data searching and updating of multiple databases