

Clinton Buie

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EDUCATION

- 1/08 – 12/10 **Stanford University**, Stanford, CA
M.S., Electrical Engineering
- 9/01- 6/06 **The Ohio State University**, Columbus, OH
B.S., Electrical and Computer Engineering

COMPUTER SKILLS

- Languages: Swift, Objective-C, Java (Android), C/C++, C#, HTML/CSS/JavaScript, MySQL, Ruby, Python (Tornado)
- Mobile Development Platforms: iOS, Android SDK
- Operating Systems: Mac OS (Unix), Linux, Windows
- Tools & Design Environments: XCode, Android Studio, Photoshop CC, Git, Reveal

PROFESSIONAL EXPERIENCE

- 11/2015 – Present **Swipe Labs – 1st Engineering Hire**, Culver City, CA
- Overseeing the technical development of Swipe's core mobile products (iOS and Android)
 - Architected and implemented Swipe's core iOS product. Leading a team of 2 overseas engineers
 - Created and launched the iOS game JetsKey to Success. Currently in the App store
- 6/2014 – 10/2015 **GE Software – Lead Software Engineer**, San Ramon, CA
- Designed and delivered an automated testing solution in Ruby for validating Predix Go's transport layer
 - Led a team of three developers in delivering an automated, cloud based, cross platform testing solution (adopted by the organization's QA team).
 - Lead a team of three engineers in building a web based solution for GE Wind
 - Developed two iOS applications for a real time indoor positioning product. Led to an additional \$500K in funding
- 9/2013 – 4/2014 **iOS Engineer (Multiple Companies)**, San Francisco, CA
- Developed iOS features using UIKit and CoreAnimation (Clinkle)
 - Reduced average user experience load time by 50% by converting Java server side processing algorithms into C. (Humin)
 - Implemented multiple front end features for iOS using UIKit and Photoshop CC. (Humin)
- 12/2010 – 9/2013 **GE Global Research Center – Edison Engineer**, Niskayuna, New York
- Developed multiple iOS applications for customers in GE Transportation and GE Power & Water to support field service operations.
 - Designed and implemented a heterogeneous compute framework for programming across FPGAs and CPUs using Java. Created FPGA machine learning algorithms to help efficiently track \$8 Billion dollars in contractual service agreements. Patent disclosure filed.
 - Led a team of two developers in the creation of an Android application to model the temperature control features of a GE Profile refrigerator. Led Software EEDP recruiting for GE Global Research.
 - Developed a Javascript/JQuery prototype to graphically visualize engineering model runs. Led to \$250K in additional project funding. Developed, and tested a web visualization framework for several internal GE businesses using JavaScript, d3, Raphael, and jQuery.
- 6/2010 – 9/2010 **GE Global Research Center – R&D Intern**, Niskayuna, New York
- Designed and implemented a prototype iOS application for GE's Wattstation™. Led to adoption and commercialization by GE Industrial Solutions.
 - Designed and implemented a mobile .NET C# application to garner supply chain tracking data for GE Energy
- 4/2008 – 12/2008 **Stanford University – Research Assistant**, Stanford, CA
- Researched multi-core architectural solutions for low power, embedded systems
 - Integrated compiler algorithms into a Java based microprocessor simulator

