Mark **Cerqueira**

SOFTWARE ENGINEER

✉ mark.cerqueira@gmail.com | 🏠 www.mark.gg | ⌨ markcerqueira | 💼 markcerqueira

Professional

Evernote   *Redwood City, California*
SENIOR SOFTWARE ENGINEER   *November 2014 - Present*

- Android development on Evernote for Android - 4.6 / 5 stars, millions of installs.
- Led client development of a library to deliver rich messages to clients without requiring an app update.
- iOS development (Objective-C & Swift) on key initiatives including Google Sign In and integrating the message delivery engine.
- Onboarding new team members, emceeing biweekly demo days, leading coding workshops for non-engineers, Hack Week planning committee member, and coordinating monthly tech talks.

Smule   *San Francisco, California*
SOFTWARE ENGINEER   *August 2010 - August 2014*

- Android development (2012 - 2014) on Sing Karaoke and Magic Piano.
- iOS development (2010 – 2012) on Magic Piano, Ocarina, I Am T-Pain, Magic Fiddle, and Glee.
- Led development of the first release of Sing Karaoke for Android, including a major update that introduced a full design update of the app.
- Managed and maintained the Android shared codebase, used across three projects.
- Managed continuous integration and release engineering through TeamCity and Jenkins for iOS and Android.

Education

Princeton University   *Princeton, New Jersey*
B.S.E. WITH HONORS IN COMPUTER SCIENCE, CERTIFICATE IN SPANISH AND PORTUGUESE | GPA: 3.80   *2006 - 2010*

Courses: Operating Systems, Networking, Digital Sound Processing, Human-Computer Interface, Algorithms & Data Structures, Security

Skills

Programming Languages & Frameworks: Java, Objective-C, Ruby, Android SDK, iOS SDK, Sinatra
OS & Tools: Mac OS, Linux, Windows OS, git, GitHub, Android Studio, IntelliJ IDEA, AppCode, Xcode, TeamCity, Jenkins, Docker

Technical Projects

ChuckPad Social

- ChuckPad is a service enabling users to create, curate, and share generated code from client apps like MiniAudicle. The service is intended to promote education, enthusiasm, and discovery of content in apps like MiniAudicle. I developed the server code using Ruby and Sinatra and developed an accompanying iOS library with a suite of unit tests.

SoundCraft

- Developed and published a framework that enables real-time data gathering from a StarCraft 2 game, allowing for musical interpretation of the game's internal structure and strategies in novel ways. Published in the Proceedings of the New Interfaces for Musical Expression (NIME) Conference 2013.

Laptop Orchestra Network Toolkit (LOrkNeT) - Senior Thesis Research at Princeton

- Developed a toolkit to evaluate networking for live computer music performance. LOrkNeT was used to identify and remedy issues affecting the Princeton Laptop Orchestra. Learn more at lorknet.cs.princeton.edu.

What makes me a unique snowflake

- Kendo practitioner (1-kyu) with the San Francisco Kendo Dojo and Stanford Kendo Club
- Active blogger about video games, food, and technology on mark.gg
- Active Yelper: 375 reviews, 1809 photos, and counting
- Bronze league Protoss hero in StarCraft 2
- Guest speaker at General Assembly SF
- Led workshops on mobile computing at Stanford University and Gray Area Foundation for the Arts
- Fluent in English and Portuguese, conversational in Spanish, scrappy Mandarin