Mark Cerqueira

Engineering Manager

✉ mark.cerqueira@gmail.com | 🏠 www.mark.gg | ◉ markcerqueira | in markcerqueira

Professional Experience

Twitch   *San Francisco, California*

Senior Engineering Manager   *April 2018 - Present*

- Managed a team of 12 Android and iOS Engineers on 50+ Twitch Viewer and Community infrastructure and feature projects.
- Planned, organized, reviewed technical design, managed execution and risks with cross-functional teams consisting of over 300 people.
- Delivered key initiatives like Phone Number Signup and Channel Points by collaborating with both engineering and non-engineering partners on requirements gathering, design, implementation, testing, release, and maintenance.
- Doubled the size of the iOS team in half a year. Hired, mentored, and converted two interns into full-time roles.
- Collaborated with recruiting from sourcing to closing candidates. Standardized and streamlined recruiting process for the entire mobile team: introduced online assessments, interview preparation documents for candidates, and a calibration tool for interviewers.
- Formed a company-wide Leadership Book Club: a monthly meeting to discuss leadership and management books.
- Created an employment engagement program for my team to celebrate work anniversaries that has been well-received and subsequently scaled to my entire organization of 200+ people.

Senior Software Engineer   *April 2017 - April 2018*

- Developed features for Ads, Clips, Creator, and VOD on both Android and iOS.
- Developed a Kotlin DSL-style framework for UI testing on Android.
- Led initiatives to improve documentation, continuous integration, build times, tracking validation, and real-time monitoring and alerting.

Evernote   *Redwood City, California*

Senior Software Engineer   *November 2014 - April 2017*

- One of eight Android engineers building a delightful app for note-taking, organizing, and archiving everything used by millions.
- iOS development (Objective-C & Swift) on key features including Google Sign-In and a server-driven message delivery library.
- Supported talent development: new employee onboarding, interview panelist, and initiatives to promote cross-team collaboration.
- Led community-building events: emcee for biweekly company-wide demo days, coding workshops for non-engineers, Hack Week planning, and coordinating monthly tech talks.

Smule   *San Francisco, California*

Software Engineer   *August 2010 - August 2014*

- iOS development (2010 - 2012) and Android development (2012 - 2014) on Ocarina, Magic Piano, Magic Fiddle, and Sing Karaoke.
- Managed and improved continuous integration and release engineering for Android and iOS.

Education

Princeton University   *Princeton, New Jersey*

B.S.E. with Honors in Computer Science, Certificate in Spanish and Portuguese | GPA: 3.80   *2006 - 2010*

Technical Projects

ChuckPad enables users to create, curate, and share code from music programming environments. Developed the Sinatra server, iOS SDK, suite of unit tests, and Docker image for rendering ChucK patches. Co-author of paper published in New Interfaces for Musical Expression 2017.

SoundCraft enables real-time data gathering from a StarCraft 2 game, allowing for musical interpretation of the game in novel ways. Led development of the data parser and was first author of the paper published in New Interfaces for Musical Expression 2013. Learn more at mark.gg/soundcraft.

Laptop Orchestra Network Toolkit (LOrkNeT) measures and evaluates network conditions 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.

Fun Facts

- Active blogger about video games, food, books, technology, and management on mark.gg since 2013.
- Led workshops on mobile computing at Stanford University and Gray Area Foundation for the Arts. Guest speaker at General Assembly SF.
- Fluent in English and Portuguese, conversational in Spanish, scrappy Mandarin.
- Enjoys running. Personal record: ran the Big Sur Half Marathon in 1:36:30.
- Undisputed champion of the BaseTradeTV StarCraft 2 Sponsor Showdown. Carriers aficionado.