

Marco Munizaga

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Work

2015 - <i>Current*</i>	<p>Keybase.io</p> <ul style="list-style-type: none">• Co-led the creation of the Keybase apps for Desktop, Android, and iOS. (electron/react-native)• Pushed for the Adoption of Flow types; and, later, led the conversion to Typescript. Which paid numerous dividends when refactoring and onboarding new engineers.• Used Native Android expertise to speed up our react-native app.• Rewrote the parts of the notification stack to make use of Android's rich notification displays and actions.
2014 - 2015	<p>Prismatic</p> <ul style="list-style-type: none">• Created hot swappable backend services; huge boost in team productivity.• Built the Prismatic Android App with tests written in Robolectric.• Created iOS App in Swift and led port to React Native. Which let the team rapidly prototype new ideas during our pivot phase.
2013 - 2014	<p>Cryptic.io – Cofounder</p> <ul style="list-style-type: none">• Implemented CCM Encryption with Array Buffers for performance, then contributed that back to the Stanford Javascript Crypto Library.• Designed so servers only know about encrypted blobs and public keys.
2011 - 2013	<p>Grooveshark</p> <ul style="list-style-type: none">• Created Beluga, a music analytics platform to open streaming data to thousands of artists and millions of user.• Architected/Built internal analytics platform with guided SQL query generators.

Marco, The Person

Computer Languages	<ul style="list-style-type: none">• Rust, Typescript, Clojure, Java, Go
Human Languages	<ul style="list-style-type: none">• Spanish +rwx; English +rwx
Select Projects	<ul style="list-style-type: none">• Android Wired – Write efficient and fast Android apps in Rust• Sped up CCM encryption by 6x in SJCL (Fixed related bug in Mega's use of CCM Encryption)• Servant – A Cljs library for using web-workers sanely• CHDL – A Clojure DSL for writing ASICs. Compiles to VHDL
Education	<ul style="list-style-type: none">• B.S. – Computer Engineering, University of Florida• Minor in Physics
Climbing	<ul style="list-style-type: none">• Climbed <i>The Nose</i> on El Capitan, <i>Astroman</i> (5.11), and <i>Lost but not Forgotten</i> (V8).