

# Santiago Aguilera

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## EDUCATION

- **Facultad de Ingeniería, Universidad de Buenos Aires** Buenos Aires  
*Informatic Engineering* Present
- **Colegio Carmen Arriola de Marín** Buenos Aires  
*Goods and Services Production Bachelor* 2011

## EXPERIENCE

- **Mercado Libre SRL** Buenos Aires  
*Ssr. Software Engineer* Jun 2016 - Present
  - **Architecture:** Mobile Architecture team. Development of iOS/Android/Backend applications and libraries.
  - **Build Tools:** Created a gradle plugin providing SCA, lints, archives upload, easier tools for development, dynamic dependency management, coverage support, unit-testing configurations, etc.
  - **Size:** Created libraries and REST services for reducing the applications size (eg. Android .apk was decreased from 30 MB to 9 MB). This process included getting resources on-demand, .arsc optimization (for Android), stronger minifier optimizations, WebP support, bytecode optimizations, among others.
  - **Security:** Analyzed and fixed critical and mid-level security issues in the applications.
  - **CI:** Created a highly scalable and efficient framework for CI services, with built-in webhooks to make code analysis, build analysis, testing, deploying, distributing, etc.
  - **Technologies:** Strong usage of Java, Obj-C, Groovy, Ruby, C++, Bash, Kotlin, Python, Node.js, Gradle, NDK, Cocoa, Tomcat, Jetty, Docker, Nginx, Danger, Calabash, Fastlane, ASM, Cucumber, Proguard, etc.
- **Amalgama Software** Buenos Aires  
*Sr. Android Developer* Dec 2014 - Jun 2016
- **FI.UBA** Buenos Aires  
*Algorithms II Assistant Professor* Mar 2013 - Dec 2013
- **Febicom SA** Buenos Aires  
*Technical Hardware Internship* Apr 2011 - Jun 2011
- **Myself** Buenos Aires  
*Private School Tutoring* Nov 2009 - Nov 2014

## PROJECTS (MORE AVAILABLE AT [WWW.GITHUB.COM/SAANTIAGUILERA](http://WWW.GITHUB.COM/SAANTIAGUILERA))

- **SecureKeys (Java, Groovy, NDK):** Android library for storing information locally in a safer way
- **Gossip Protocol (Kotlin):** Gossip Protocol implementation in kotlin for failure detection, monitoring, etc.
- **RxFacebook (Kotlin):** Fully customizable reactive extension for the Facebook SDK
- **Tallerify (C++, Node.js, AngularJS, Java):** Shared & web server, admin panel and android app for a "Spotify".
- **Disney Emoji Keyboard (Java, NDK):** Android custom system keyboard that also provides Gifs/Images/Emojis
- **Global Codecov (Ruby):** Gem for triggering codecov coverage tool, supporting any language.
- **AgentBot (Java, NDK):** Android application with voice recognition for E-Commerce purposes.
- **Loquacious (Kotlin):** Localized remote resource manager library for Android.

## LANGUAGES

- **Highly proficient:** Java, Kotlin, Groovy, Shell, Ruby
- **Profficient:** C++, C, Swift, Node.js, Python, Javascript
- **Knowledgeable:** Clojure, Lisp, Smalltalk, Scala, Obj-C, MIPS Assembly, SQL, Perl

## ACHIEVEMENTS

- **IGCSE Extended & ICE English Cambridge Certificates** Dec 2010
- **Top 100/2500 in Kaggle Big Data Competition (/sf-crime)** Jun 2016
- **Ranked in the top 10 % of MercadoLibre developers** 2016
- **Deeplearning.ai Coursera Specialization** Sep 2017