

Santiago Vanegas

SOFTWARE ENGINEER · ANDROID DEVELOPER

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Skills & Knowledge

C++ · Java · Kotlin · SQL · Ruby · Microservices · Multi-threaded programming · RxJava · Rails · Problem Solving · Data Structures · Algorithms · Android · AWS · Docker · Jenkins · CircleCI · NodeJS · JavaScript · Firebase · Appium · Test Automation · SauceLabs · Fabric · Leadership · Collaborative Work · Gradle · Git · Scrum · ☑️ · Microsoft Windows · OSX · Linux

Honors & Awards

2016	6th place out of 58 teams	South-American International Programming Contest	<i>Bogotá, Colombia</i>
2016	5th place out of 110 teams	30th Colombian National Programming Contest	<i>Medellín, Colombia</i>
2015	11th place out of 71 teams	South-American International Programming Contest	<i>Bogotá, Colombia</i>
2015	10th place out of 102 teams	29th Colombian National Programming Contest	<i>Medellín, Colombia</i>
2014	20th place out of 70 teams	South-American International Programming Contest	<i>Bogotá, Colombia</i>
2014	10th place out of 84 teams	28th Colombian National Programming Contest	<i>Medellín, Colombia</i>

Experience & Projects

Toptal

Remote

ANDROID DEVELOPER

November 2017 - PRESENT

- Be part of a world-class engineering network and work on hard technical challenges.
- Learnt new technologies such as OpenGL and FFmpeg to achieve optimal video processing and delight customers with results.
- Built and shipped production-ready grade software on a weekly basis.
- Used algorithms and data structures to improve performance of mobile app and optimize resources.
- Investigated, analyzed and quickly solved issues together as a team.
- Worked closely with BA/QA team members to create test plans and to ensure that the issues are properly identified, fixed, and tested.
- Built and grew large systems to satisfy the needs of customers.

Jump rope · Allows to create and export professional-looking content quickly and easily. · 🤖 🚀

October 2019 - PRESENT

STRV

Prague, Czech Republic

ANDROID DEVELOPER

July 2017 - November 2019

- Produced high-quality software that was unit tested, code reviewed, and checked regularly via continuous integration.
- Implemented and iterated with the whole team in an Agile environment to bring features from conception to launch.
- Led an Android team of four.
- Clearly communicated with the client to achieve a soft and outstanding development process.
- Contributed to an existing continuous integration framework by automating features as they are developed.
- Served as the technical leader for a Scrum team and actively participated in grooming sessions, sprint planning, daily scrums, and sprint reviews.
- Developed proof concepts for new and innovative ideas.
- Spoke publicly in meetups about Android and mobile development.

LegalZoom · Allows post-purchase customers to track and manage their business formation · 🤖 🚀

July 2017 - PRESENT

Condor Labs

Medellín, Colombia

ANDROID DEVELOPER

March 2016 - September 2017

- Designed, implemented and maintained a SQLite database for storing data on mobile disk.
- Designed, developed, and supported Android applications to track the continuing education of health professionals.
- Improved the functionality of Android applications using model-view-presenter pattern and clean architecture.
- Built components using ReactiveX (RxJava 2) and a dependency injection with Dagger 2.
- Implemented Firebase push notifications for Android applications.
- Created functional testing automated tasks with Gherkin notation using Gradle, Calabash, and Cucumber.

CE Broker · Allows health professionals to track continuing education · 🤖

March 2016 - September 2017

EverCheck · Allows employers to manage license compliance and monitor healthcare licenses · 🤖

August 2016 - September 2017

EverCheck Wallet · Allows health professionals to update Heart Card certifications · 🤖

April 2016 - September 2017

Talos Digital, Inc.

FULL-STACK DEVELOPER

- Developed AngularJS applications consuming RESTful web services.
- Automated tasks for continuous integration and deployment with Jenkins.
- Built and deployed applications using Docker containers.
- Implemented RESTful APIs, services, and gems using Ruby on Rails.
- Participated in a six-month internship program that was done in the company.

Medellín, Colombia

July 2015 - March 2016

EAFIT University

TEACHER ASSISTANT IN DATA STRUCTURES AND ALGORITHMS II

- Taught students about data structures such as maps, sets, trees, queues, stacks, and lists.
- Explained common computer science algorithms for graphs, dynamic programming, pattern matching, and ad hoc solutions.

Medellín, Colombia

January 2015 - June 2015

IdeasLab

ANDROID JUNIOR DEVELOPER

- Learned Android SDK basics and implemented simple Android applications.
- Gained a basic knowledge set about graphic Android components and RESTful API usage from an Android app.

Medellín, Colombia

July 2013 - June 2014

Education

EAFIT University

B.S. IN COMPUTER SCIENCE (SOFTWARE ENGINEERING)

- Final GPA 4.54 out of 5.0

Medellín, Colombia

January 2012 - December 2016

Extracurricular Activity & Volunteer Experience

Competitive Programming Seminar - EAFIT University

STUDENT COORDINATOR AND LECTURER

- Coordinated students and lectured several computer science topics involved in competitive programming contests, such as dynamic programming, pattern matching, and data structures like maps, sets, graphs, queues and heaps.
- Managed and extended the functionality of the virtual judge for internal contests (*BOCA Online Judge*).
- Participated and organized several programming competitions.

Medellín, Colombia

January 2014 - November 2016

Languages

Spanish Native

English Advanced

Czech Basic

German Elementary