

# Santiago Vanegas

SOFTWARE ENGINEER · ANDROID DEVELOPER

Medellín, Antioquia, Colombia

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## Skills & Knowledge

**Proficient** Problem Solving · Algorithmic Thinking

**Advanced** Android · C++ · Java · Ruby

**Moderate** Rails · AngularJS · Docker · MySQL · PostgreSQL

**Tools & Others** Git · Atom · Android Studio · Scrum ·  $\text{\LaTeX}$

**Operating Systems** OS X · Linux

## Experience & Projects

### ISF de Colombia, S.A.S.

Medellín, Colombia

ANDROID DEVELOPER - MOBILE SOFTWARE ENGINEER

March 2016 - PRESENT

- Design, develop and support Android applications to track continuing education of health professionals in United States
- Improved the functionality of Android applications using MVP pattern, Clean Architecture, Material Design, great libraries and tools

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

March 2016 - PRESENT

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

August 2016 - PRESENT

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

April 2016 - PRESENT

### Talos Digital, Inc.

Medellín, Colombia

FULL STACK DEVELOPER - SOFTWARE ENGINEER

July 2015 - March 2016

- Developed AngularJS applications consuming RESTful Web Services, automating tasks for Continuous Integration and Deployment
- Built and deployed applications using Docker containers
- Implemented RESTful APIs, micro-services and gems using Ruby on Rails
- 6 months of Internship Program were done in this company

**Flare App** · Allows people to report incidents to the zone they are · 🚨

January 2016 - March 2016

**TaskFlex** · Allows Owners to post and manage jobs and Taskers to apply to them · 🚨 📝

August 2015 - December 2015

**TDJobs** · Marketplace process abstraction API (jobs supply & demand) · 📝

July 2015 - November 2015

### EAFIT University

Medellín, Colombia

TEACHER ASSISTANT IN DATA STRUCTURES AND ALGORITHMS II

January 2015 - June 2015

- Taught students data structures as maps, sets, trees; and common Computer Science algorithms for Graphs, Dynamic Programming, Pattern Matching and *Ad hoc* solutions

### IdeasLab

Medellín, Colombia

MOBILE DEVICES DEVELOPER

July 2013 - June 2014

- Developed a social application for Android, required basic knowledge about graphic components and RESTful API usage

**Duing** · Allows people to ask others for updates about what they are doing · 🤖

July 2013 - June 2014

### EAFIT University

Medellín, Colombia

UNIVERSITY PROJECTS

January 2012 - December 2016

- Several subject projects used to learn and apply Computer Science knowledge

Check them out in my Github! · 🤖 📝 📺 📱

## Honors & Awards

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### LATIN AMERICA

2016	<b>14th Place</b> , ACM-ICPC South America-North Finals Programming Contest	<i>Bogotá, Colombia</i>
2015	<b>11th Place</b> , ACM-ICPC South America-North Finals Programming Contest	<i>Bogotá, Colombia</i>
2014	<b>20th Place</b> , ACM-ICPC South America-North Finals Programming Contest	<i>Bogotá, Colombia</i>

### DOMESTIC

2016	<b>5th Place</b> , ACIS/REDIS XXX Colombian Programming Contest	<i>Medellín, Colombia</i>
2015	<b>10th Place</b> , ACIS/REDIS XXIX Colombian Programming Contest	<i>Medellín, Colombia</i>
2014	<b>10th Place</b> , ACIS/REDIS XXVIII Colombian Programming Contest	<i>Medellín, Colombia</i>
2012	<b>Honorable Mention</b> , ACIS/REDIS XXVI Colombian Programming Contest	<i>Medellín, Colombia</i>

### VIRTUAL

**Participated on National Competitive Programming Organizations**, Colombian Collegiate Programming League & Red de Programación Competitiva

**Participant of Online Judges Competitions and Events**, Google Code Jam, UVa, Codeforces, SPOJ, CodeFights · Handle: *svanegas*

## Education

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### EAFIT University

*Medellín, Colombia*

BACHELOR OF APPLIED SCIENCE (BACs) IN COMPUTER SCIENCE (SYSTEMS ENGINEERING)

*January 2012 - December 2016*

- Final GPA 4.54 out of 5.0
- Belonged to Competitive Programming and Mobile Devices student organizations

## Extracurricular Activity & Volunteer Experience

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### Competitive Programming Seminar - EAFIT University

*Medellín, Colombia*

STUDENT COORDINATOR AND LECTURER

*January 2014 - November 2016*

- Coordinated students and lectured several Computer Science topics involved in Competitive Programming Contests, such as Dynamic Programming, Greedy Algorithms, Pattern Matching; and data structures like Maps, Sets, Graphs, Queues, Heaps
- Managed the virtual judge for internal contests (*We used BOCA Online Judge*)
- Participated and organized several programming competitions

### Mobile Devices Development Seminar - EAFIT University

*Medellín, Colombia*

MEMBER

*January 2015 - July 2015*

- Gained expertise in Android Development implementing applications that could help University students in their life

## Languages

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<b>Spanish</b>	Native
<b>English</b>	Advanced
<b>German</b>	Basic