



Esteban Alarcón Ceballos

Systems Engineer

Personal Info

Birth date December 9, 1990. Medellín, Colombia.

Education

2013–2015 **Master of Engineering**, *Thesis on Educational Informatics, EAFIT University, Medellín, Colombia.*

2008–2012 **Systems Engineer**, *EAFIT University, Medellín, Colombia.*

2006–2007 **High School Degree**, *Colegio Divino Salvador, La Estrella, Colombia.*

Experience

- 2015- **Android Lead Developer**, *ISF de Colombia S.A.S., Medellín, Colombia.*
Currently Mobile developer lead in the Android team, we develop new and give support to mobile apps in the field of licensing and continued education tracking for US based professional boards. Our clients are CE Broker and EverCheck.
Immediate Supervisor:
 - Juan Guillermo del Valle:
 - E-mail: juangdelvalle@gmail.com
- 2014 **Software Architecture Advisor**, *EAFIT University, Bogotá, Colombia.*
Advisor in software architecture topics for the renovation of “Colombia Aprende” e-Portal as part of the project “ICT Education Capability Building in Colombia” of the Ministry of Education and the implementation company LG-CNS.
Immediate Supervisor:
 - Roger Quirama:
 - E-mail: rogerquirama@gmail.com
- 2013 **Research Assistant/Developer**, *ARTICA, Medellín, Colombia.*
Developer in various projects of the Regional Alliance for Applied ICT (ARTICA), the projects I supported include: development of components in a TV content recommender with a NoSQL approach (Cassandra), tech support to mobile app UNE:TV in both Android and iOS versions, development of components in Safe2School, a co-creation project about tracking services for scholar buses.
Immediate Supervisor:
 - Silvia Lozano:
 - E-mail: sila.zenufana@gmail.com

2011-2012 **Research Assistant**, *Universidad de la República*, Montevideo, Uruguay.
Undergraduate internship supporting the Computing Institute (InCo) at the Engineering Faculty of the Universidad de la República (Uruguay) within the Formal Method Research Group. Activities included programming, testing and comparison of different memorization and tabulation techniques in functional languages.

Immediate Supervisor:

- Alberto Pardo:
- E-mail: pardo@fing.edu.uy

2009 **Academic Tutor**, *EAFIT University*, Medellín, Colombia.

Undergraduate internship as academic tutor for the Fundamentals of Programming course.

Immediate Supervisor:

- Helmuth Trefftz:
- E-mail: htrefftz@eafit.edu.co

Languages

Spanish **Mother tongue**
English **Professional working proficiency**
French **Elementary proficiency**
Italian **Elementary proficiency**

Computer skills

<i>Programming Languages</i>	Java, C, C++, Haskell	<i>Mobile Development Skills</i>	Android, iOS (Objective-C)
<i>Development Tools</i>	Git, Gradle, Maven	<i>Database Tools</i>	MySQL, SQLite, mongoDB
<i>Misc</i>	REST APIs consuming, Reactive Programming (RxAndroid), design patterns (MVC, MVP, ViewHolder, etc...), CMS (Wordpress), LMS (moodle), experience working with Scrum and agile methodologies		

Interests

Mobile Programming I am very passionate about mobile development, specially for Android platforms, the possibilities of creating adaptable solutions and working with the resources mobile devices provide nowadays is a great challenge.

Innovation and Co-creation Projects related to innovation, and co-creation with different stakeholders are always big opportunities to create different and efficient solutions.

Big data, Internet of Things (IoT), Virtual Reality (VR) These are a personal interest although I haven't worked directly with them.

Educational informatics My master's degree is related to this topic, and I am interested in innovation using ICT for education.

Complementary Studies and Events

Event: New York, US, 2014
*MongoDB
World 2014*

Virtual Course: MongoDB University, 2014
*MongoDB for
Java
Developers*

*Event: 9th International
Conference
on Software
Engineering
and Formal
Methods -
SEFM 2011* Universidad de la República, Montevideo, Uruguay, 2011

Course: Universidad de la República, Montevideo, Uruguay, 2011
*Advanced
Functional
Programming*

Course: Universidad de la República, Montevideo, Uruguay, 2011
*Formal
Programs
Construction
using Type
Theory*

*Event: Inter-
Universitary
Programming
Marathon* Universidad EAFIT, Medellín, Colombia, 2009

*Event: Third
Colombian
Computation
Congress -
3CCC* Universidad Nacional de Colombia - Universidad EAFIT, Medellín, Colombia, 2009