



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

- 2017- **Android Sr Developer**, *Mobile Butterfly S.A.S., Medellín, Colombia.*
Currently Mobile senior developer in the Android team, as contractor for Cvent working in the OnArrival Mobile App, which is a mobile app that helps event planners to manage on site event related stuff like check-ins, badge printing, etc.
Immediate Supervisor:
 - Alejandro Montoya:
 - E-mail: AMontoya@cvent.com
- 2015-2017 **Android Lead Developer**, *Cóndor Labs S.A.S., Medellín, Colombia.*
Mobile developer lead in the Android team, developing and giving support to mobile apps in the field of licensing and continued education tracking for US based professional boards. For clients like CE Broker and EverCheck. CE Broker is intended to be used by the employees while EverCheck is for the employers.
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. I was an assistant advisor in software architecture for the planning and design of the renovation of the Colombia Aprende e-Portal in the project developed by 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 android app module, 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
German	Elementary proficiency
French	Elementary proficiency
Italian	Elementary proficiency

Computer skills

<i>Programming Languages</i>	Kotlin, Java, C, C++, Haskell	<i>Mobile Development Skills</i>	Android: RxJava, RxKotlin, DataBinding Library, Retrofit, Espresso
<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, MVVM, MVP, ViewHolder, Clean Architecture...), 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.

Machine Learning (ML), 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

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

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

Universidad de la República, Montevideo, Uruguay, 2011 *Event: 9th International Conference on Software Engineering and Formal Methods - SEFM 2011*
Course: Advanced Functional Programming
Course: Formal Programs Construction using Type Theory

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

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