

ALBERTO GONZÁLEZ VILLALBA

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WORK HISTORY

Android Developer

Eagle Eye Networks

Amsterdam, The Netherlands

Apr 2019 – Present day

- Maintain two main Android projects in Java, using RxJava and Retrofit
- Rewrite one of them from scratch using Kotlin, RxJava, Retrofit, Koin and Android Jetpack
- Agile Scrum methodology and GIT version control

Chief Technology Officer & Co-Founder

ByCycling International (Startup)

The Hague, The Netherlands

Feb 2016 – Mar 2019

Technical Director, Business Analyst & Lead Developer. In charge of building ByCycling server and mobile applications (natively), covering the whole Software Development Lifecycle.

- Create the System Design & Technical Architecture
- Design the Backend infrastructure and developed it in Java
- Design and implemented low power consumption algorithms for continuous background user tracking and bike activity recognition on the mobile platforms
- Develop the mobile apps able to deal with both remote and local databases simultaneously

Software Engineer (Talentum Telefónica Internship)

Mediatek

Cambridge, UK

Sep 2015 – Jan 2016

- Design and developed an Augmented Reality Android App
- Work in a team for an Internet of Things project using Mediatek chipsets

Full Stack Developer (Erasmus for Young Entrepreneurs)

Centaur Technologies (Startup)

Volos, Greece

Apr 2015 – Aug 2015

- Participate in a collaboration program between startups
- Manage the project and developed backend and frontend apps using the MEAN Stack
- Develop for Android using Java and for iOS using Swift

Software Engineer (Talentum Telefónica Internship)

AICU Labs (Startup)

Madrid, Spain

Jun 2014 – Dec 2014

- Develop a native Android app in Java and a native iOS app in Objective-C
- Design and implemented mobile-server communication using REST and JSON
- Use Agile methodologies: Scrum, XP and TDD

Android Developer

Freelance

Salamanca, Spain

Oct 2013 – May 2014

- Complete project with AXA insurance agency: communication and analytic skills
- Develop Android apps using Java and the Android SDK on Eclipse
- Involved in the Full Software Development Lifecycle

Research Intern

Software Improvement Group

Amsterdam, The Netherlands

Feb 2013 – Aug 2013

- Analyse the Maven repository for inter-library dependencies and library consistency
- Develop different algorithms using Java to test software metrics
- Analyse the resulting data using SQL and R

EDUCATION

MSc Software Engineering

University of Amsterdam

Amsterdam, The Netherlands

Sep 2012 – Aug 2013

BSc Computer Engineering

University of Leon

Leon, Spain

Sep 2012 – Jun 2013 (*Blended Learning*)

ERASMUS

National University of Ireland

Maynooth, Ireland

Sep 2011 – Jun 2012

BSc Computer Science

University of Salamanca

Salamanca, Spain

Sep 2007 – Jun 2012

SKILLS

Languages:

- Spanish: native
- English: fluent (C1 CEFR)

Certifications:

- Associate Android Developer (Google Developers, December 2017)

Courses:

- Advanced Kotlin (KeepCoding, July 2018)
- Git, GitHub & SourceTree (KeepCoding, March 2018)
- Training course on leadership and pro-active attitude development:
“Be a leader! Take the initiative” (*Blagoevgrad, Bulgaria, 2014*)
- Training course on entrepreneurship and innovation:
“Unlock your creativity: be an entrepreneur” (*Antalya, Turkey, 2013*)

Musical Skills:

- Completed studies in the Professional Conservatory of Music of Salamanca, specializing in harpsichord (*Salamanca, Spain, 1996-2006*)

ADDITIONAL INFORMATION

Awards:

- 1st place: FIWARE Excellence Challenge (October 2014)
- 2nd place: BEEVA Wearables Hackathon (September 2014)

Licenses:

- Driving license categories B and A2
- Safe Driving Certificate

HOBBIES

