

ALBERTO GONZÁLEZ VILLALBA

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WORK HISTORY

Chief Technology Officer & Co-Founder

ByCycling International (Startup)

The Hague, The Netherlands

Feb 2016 – Present day

Technical Director, Business Analyst & Lead Developer. In charge of building ByCycling server (cashbycycling.com) and mobile applications (both Android and iOS), covering the whole Software Development Lifecycle. Achievements:

- Created the System Design & Technical Architecture
- Managed projects following the Agile Methodology
- Controlled Stakeholder Engagement
- Deployed System to Heroku Cloud continuously
- Designed the Backend infrastructure and developed it in Java
- Designed and implemented low power consumption algorithms for continuous background user tracking and bike activity recognition on the mobile platforms
- Developed 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

- Designed and developed an Augmented Reality Android App
- Worked 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

- Participated in a collaboration program between startups
- Managed the project and developed backend and frontend apps using the MEAN Stack
- Developed for Android using Java and for iOS using Swift

Software Engineer (Talentum Telefónica Internship)

AICU Labs (Startup)

Madrid, Spain

Jun 2014 – Dec 2014

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

Android Developer

Freelance

Salamanca, Spain

Oct 2013 – May 2014

- Completed project with AXA insurance agency: communication and analytic skills
- Developed 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

- Analysed the Maven repository for inter-library dependencies and library consistency
- Developed different algorithms using Java to test software metrics
- Analysed 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:

- 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

