ALBERTO GONZÁLEZ VILLALBA

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WORK HISTORY

Chief Technology Officer & Co-Founder   **The Hague, The Netherlands**
ByCycling International (Startup)   *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)   **Cambridge, UK**
Mediatek   *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)   **Volos, Greece**
Centaur Technologies (Startup)   *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)   **Madrid, Spain**
AICU Labs (Startup)   *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   **Salamanca, Spain**
Freelance   *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   **Amsterdam, The Netherlands**
Software Improvement Group   *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   **Amsterdam, The Netherlands**
University of Amsterdam   *Sep 2012 - Aug 2013*

BSc Computer Engineering   **Leon, Spain**
University of Leon   *Sep 2012 - Jun 2013 (Blended Learning)*

ERASMUS   **Maynooth, Ireland**
National University of Ireland   *Sep 2011 – Jun 2012*

BSc Computer Science   **Salamanca, Spain**
University of Salamanca   *Sep 2007 - Jun 2012*

SKILLS

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

Certifications:
- Associate Android Developer (Google Developers, December 2017)

Other education:
- Proficient musical skills. Completed studies in the Professional Conservatory of Music of Salamanca, specializing in harpsichord (*Salamanca, Spain*, 1996 - 2006)

Courses:
- Git, GitHub & SourceTree (KeepCoding, 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*)

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