# ALBERTO GONZÁLEZ VILLALBA

📞 +34 618072588 ✉ alberto.g.villalba@gmail.com
🔗 linkedin.com/in/agvillalba 🌐 gonzovilla.github.io

## 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)

**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