

# Germán Gómez

iOS Developer

## Contact

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## Programming

🍏 Swift, Objective-C,  
C++, PHP, Ruby,  
♥️ L<sup>A</sup>T<sub>E</sub>X, MATLAB,  
JavaScript,  
CSS3 & HTML5

## iOS Frameworks

AVFoundation,  
CoreData, Social,  
CoreMotion,  
CoreLocation, MapKit,  
UIKit, CoreBluetooth,  
SpriteKit & WebKit

## Languages

spanish mother tongue  
english fluency

## Personal Interests

- Play Go (Abstract strategy game).
- Running.
- Play Soccer.

**Currently:** M.Sc. Artificial Intelligence, iOS Developer at mvplAB.

**Fields:** Project Management, Electronics and Software Development, Scrum

## Experience

### Professional Experience

- 2016–Now **mvplAB Ltd, Startup Accelerator Lab** , London, United Kingdom  
*iOS Developer*  
Participant in the development of next native apps:
- Olitool app.
  - Ilocum app.
  - GAYDAR app (currently).
- 2015–2016 **Araneus C.A.** , Barquisimeto, Venezuela  
*Development Team Lead & Backend Developer - Pollinion App.*
- Chief Developer of the Pollinion App.
  - Developer Pollinion App using Swift language for iOS devices, with dependency manager in COCOAPODS and use the Firebase for push-notifications.
  - Developer of the platform for Pollinion app based on a Restful services with PHP-Laravel framework.
  - Manage Postgresql database administration assignments for diverse Apps Services.
- 2013–2015 **Diodotec C.A.** , Barquisimeto, Venezuela  
*Electronic Design Engineer & Software Development*
- Automations process with PIC, Atmel, Arduino and Raspberry devices
  - Develops project with GSM-GPRS, RS-485, XBee and USART connections. Develop interface design with VB.net, PHP and mysql.
- 2011–2013 **DSPElectronic C.A.** , Barquisimeto, Venezuela  
*Electronic Design Engineer*
- Developing and implementing research and development procedures and techniques for traffic lights
  - Hardware design and firmware development of traffic lights controllers, traffic lights counters and develop remote connections (Green wave for series of traffic lights) by RS-485 and wireless connection.
- 2011–2013 **Consejo Legislativo del Estado Lara** , Barquisimeto, Venezuela  
*Technical Support Specialist*
- Developer intranet Fondo Documental Lara.
  - Technical Support in Consejo Legislativo del Estado Lara.

### Academic Experience

- 2015 **Univ. Fermín Toro** , Barquisimeto, Venezuela  
*Speaker*  
XIII Jornadas de Borrosidad y Sistemas Difusos, Topic: Fuzzy Logic Toolbox Vs Xfuzzy

- 2012 **Univ. Yacambú** , Barquisimeto, Venezuela  
*Competitor*  
 Premio Eureka a la Innovatividad Universitaria, Work: Automating the process of in vitro propagation of horticultural plants, using a temporary immersion system
- 2009 **Univ. Yacambú** , Barquisimeto, Venezuela  
*Teaching assistant, UTA*
- Prepare and teach issues related to Systems Electronics Analog and Digital.
  - Prepare and teach issues related to Microcontroller Programming for Pic and Atmel.

## Education

- 2011–2012 **M.Sc.** Artificial Intelligence , Univ. Centroccidental Lisandro Alvarado  
 Master Thesis: Fuzzy logic algorithm for selecting projects for mobile applications using vague criterias.  
 Relevant research activities:
- Developed of a Genetic Algorithm for six-hump camel function and others functions in C++.
  - Use of MobileRobots' Advanced Robot Interface for Applications (ARIA) in C++.
  - Data Mining with Open Source Machine Learning Software in Java (Weka 3).
  - Develop of fuzzy systems in MatLab and X-Fuzzy.
- 2007–2008 **Bachelor** of Electronic and Computer , Univ. Yacambú  
 Thesis: Automating the process of in vitro propagation of horticultural plants, using a temporary immersion system  
 Design and Developed of the SCADA System for the in vitro laboratory.

## Certifications

- 2011 **Postgraduate Scholarship** , School of Business, The University of California  
 Awarded to the top student in their final year of a Bachelors degree. Mastered the art of filing accurate TPS reports.

## Communication skills

- 2011 **Oral Presentation** , California Business Conference  
 Presented the research I conducted for my Masters of Commerce degree.
- 2010 **Poster** , Annual Business Conference, Oregon  
 As part of the course work for BUS320, I created a poster analyzing several local businesses and presented this at a conference.