

# Ismael Rodríguez

## Address

Parc Mediterrani de la Tecnologia  
Castelldefels, Barcelona, Spain

**Web:** <http://ismaelrh.com>

**Mail:** [ismaro.394@gmail.com](mailto:ismaro.394@gmail.com)

**Mobile:** +34 669 393 193

**Github:** [github.com/ismaro3](https://github.com/ismaro3)

---

## Education

2016 - 2018	<b>Master's Degree in Innovation and Research in Informatics</b> (3.04 / 4.00) Polytechnic University of Catalonia – Barcelona (Spain).
2012 - 2016	<b>Bachelor's Degree in Computer Science and Engineering</b> (3.98 / 4.00) University of Zaragoza – Zaragoza (Spain).

## Work Experience

October 2017 – Now	<b>Software Engineer at Datumize</b> Design, creation of new features and maintenance of the core Datumize products. Development of new innovative products.
May 2017 – August 2017	<b>Google Summer of Code participant for DBpedia</b> Designed and built a user friendly Web Application to administrate RML mappings. Integrated it with the DBpedia infrastructure.
September 2012 – July 2016	<b>Undergraduate collaborator with Distributed Information System Group</b> Designed and built Infoboxer, a Web Application that helps user to create Wikipedia Infoboxes using information from DBpedia Linked Data dataset.
July 2014 – September 2014	<b>Internship at Palbin.com</b> Implemented new features of their eCommerce platform. Designed and built a hybrid mobile application where clients could manage their online stores.

## Personal Projects

2016	<b>Chip-8 Java Emulator</b> Emulator of the Chip-8 system implemented in Java.
2015-2018	<b>San Lorenzo App</b> Hybrid mobile application to browse San Lorenzo festivities at Huesca, Spain.
2015	<b>Cropper</b> Real-time collaborative social network made for farmers who want to alert to other farmers of dangerous events.
2015	<b>PocketShop!</b> A solution for small business that provides a stock, client and sales management system, using a Raspberry Pi and one or more Android devices.
2011	<b>Crazy Golf DS</b> Mini-golf homemade game for Nintendo DS.
2013	<b>uConverter</b> Easy to use Android app to convert measuring units and currencies.

*Extended information about these and all my projects is available at my website.*

## Technical Skills

Programming Languages	Strong:	Java, Javascript, TypeScript, HTML, CSS, C, SQL.
	Familiar:	Python, Ruby, ARM Assembly, PHP, Bash.
Others	Web:	AngularJS, React, Redux, NodeJS, Express, Yii.
	Mobile:	Android API, Android Studio, Ionic, Cordova.
	Semantic Web:	RDF, SPARQL, OWL API.
	Testing:	Lab Framework, Junit.
	Tools:	Git, MySQL, PostgreSQL, IntelliJ, Eclipse, Linux Shell.

## Awards

2018	Maximum score with honors in my Master Thesis: <i>"A system to seamlessly capture and analyze user interactions with webpages"</i> .
2017	Best Academic Record of 2012/16 promotion of Computer Science and Engineering at University of Zaragoza.
2016	Best Final Degree Project on Computer Engineering at Zaragoza 2016 by Tecnara.
2016	GFT Prize in HackUPC Fall 2016 Hackaton with "Stores for me!" project.
2016	First Prize in Keystone Hackaton, "Keyword Search in Big Linked Data".
2015	NASA Space Apps Winner in Zaragoza (Spain) with "Cropper" project.

## Languages

Spanish	Native.
English	CEFR C2 Level – Certificate in Advanced English, Grade A.
Catalan	Intermediate Level.

## Personal Interests and Hobbies

My main hobby is learning new technologies, frameworks and languages, and creating my own personal projects with them. That is why I love hackathons: I've participated in seven in less than three years. Specially, I am interested in web development and mobile hybrid applications.

I consider myself a fast, self-motivated learner, an open-source friend and a good team mate. Besides, I couldn't live without running and reading good fantasy and science books.