

# DANIEL SAIZ

## Contact Information

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Languages: Spanish (Native), English (Conversational)  
Visa: No required (EU Citizens)

## Work Experience

### Software Engineer (Intern)

Charles III University of Madrid (for Bultaco Motors)  
12.2013 – 06.2014

- I led the design and development of a native **Android** app (**Java**) for Bultaco Motors through a RD project with Charles III University of Madrid.
- Main development: **Bluetooth** communication with **JSON** formatted data, **RDBMS** with **SQL** and **SQLite**, **UI** definition based on **XML** schema, full development of a **Machine Learning** system (ANN/MLP) in Java, information retrieval from **Web Services** based on **SOAP** (IIS Server) with ksoap2 library and wsdl2code to get the Java classes from **WSDL** file.
- Others: **MVC** design pattern, code development workflow involved **git** revision control with **Bitbucket** and **GitHub**, **Kanban** methodology for project management.
- System modelling and **Data Analysis** with **MS Excel**.

## Education

### Telecommunications Engineering (Honours Bachelor Degree, Level 8 NFQ)

Charles III University of Madrid (Spain)  
09.2008 – 09.2014

Main Coursework: Computer Science; Digital Signal Processing; Electronics; Communication Systems; Networking.

Final Year Project distinction with honour. Full text (spanish): <http://www.dsaiztc.com/PFC.pdf>

## Other Projects/Courses

### Secret Santa Android App

Anerall Technologies (own brand)  
11.2014 – 12.2014

Develop an Android application for making Secret Santa draws (<http://www.dsaiztc.com/secretsanta>).

Skills: Java, Android, SQL, UI/UX, HTML, Google Play Store, Amazon Affiliate Program.

### Developing Scalable Apps with Java

Udacity (built by Google)

Currently enrolled

Course about Backend Java development on Google App Engine. <https://www.udacity.com/course/ud859>

### Design Course

Hack Design (<http://www.hackdesign.org>)

Currently enrolled

UX, UI, Graphic Design principles, Interaction Design, Front-end Design, Product Design and more.

## Interests

Machine Learning, Smart Grids, Consumer Electronics, Mobile Communications, M2M, Digital Home, Electric Vehicles, Raspberry Pi, Project Management, Entrepreneurship, Business Models.