




## Personal Information

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<b>Nationality:</b> Spanish	

## Studies

Title of degree	Study Period	Location
Telecommunication Engineer	2003/2011	Escuela Técnica Superior de Ingenieros de Telecomunicación

## Diploma Thesis

Company	Title	Abstract
Daimler AG	<b>Development of an on-board method for optimization of Vehicle-to-grid(V2G) applications for cost-effective operations strategies.</b>	The diploma thesis will develop an optimization for charging and electrical vehicle. It will try to obtain a cheaper charge based on a tariff table, a more efficient charge of the battery and also optimizing the charge process regarding battery life. Also the cost- of providing energy for the electrical grid is analyzed.

## Professional Experience

Company/ University	Location	Period	Description
Vodafone ES	Boecillo (Spain)	Feb 10-Jul 10	-Mobile telephone network installed in rural areas. -Design of radio links.
Daimler AG	Böblingen(Germany)	Aug 10-Jan 11	-Test the communication charger-e-vehicle -Manage the energy when there are some vehicles connected to the grid -Show graphically the state of each e-vehicle during the charge and during the time
Daimler AG	Böblingen(Germany)	Feb 11-Jul 11	-Smart Charge optimization -Algorithms which optimized the price and the efficiency of the battery charge. And it makes the charge better for the battery life. -V2G operation, the e-vehicle sell the energy stored in the battery to the grid.

## Languages



Language	Understanding	Speaking	Reading	Writing	Certificates
Spanish	Mother tongue	Mother tongue	Mother tongue	Mother tongue	
English	Fluent	Fluent	Fluent	Fluent	B1 level in the Language Center of the University of Valladolid
German	Basic	Basic	Basic	Basic	A2 level in the VHS of Sindelfingen

## Extra-Curricular Activities

Date	Activitiy	Location

26th August 2011