




Personal Information

Name: Miguel	
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Nationality: Spanish	

Studies

Title of degree	Study Period	Location
Electronic Engineer	2002 - present	Escuela Superior de Ingenieros de Telecomunicación. Valladolid, Spain.

Diploma Thesis

Company	Title	Abstract
Daimler AG	"Integration of Ethernet Module into a CAN-MOST Gateway"	<p>The Diploma Thesis consists of the integration of an Ethernet module into the Central Gateway (CGW) of the vehicle. The CGW manages all the communications inside the vehicle using CAN and MOST. Adding an Ethernet module to the CGW, it is possible to route data from an Ethernet input to a CAN or MOST connected device and vice versa.</p> <p>The way to achieve this goal is studying the Ethernet module at hardware level and developing the new functionality in the device. Design of testing procedures and their use for performance testing and evaluation of the CAN-MOST-Ethernet gateways is the last part of the Diploma Thesis.</p>

Professional Experience

Company/University	Location	Period	Description
Daimler AG	Sindelfingen	October 2009 – March 2010	Internship in R&D (Electronic and Telematics department): test and evaluation of existing gateways (based on Renesas C32R Development Board) and development of new gateway functionalities (based on K2L Mocca Compact Open platform).
University of Valladolid	Valladolid	June 2007 – February 2009	Research grant at the University of Valladolid in the CIT (Communication and Information Technologies) research group: working in European (FP6 and FP7) and national research projects. Elaboration of proposals and technical reports, applications design and development, trials and testing, etc.
E3 Futura	Valencia	July 2006	Working in the network deployment and support group in the most important Spanish LAN Party (Campus Party, Valencia).



Languages

Language	Understanding	Speaking	Reading	Writing	Certificates
Spanish	Mother tongue	Mother tongue	Mother tongue	Mother tongue	
English	High	High	High	High	Certificate Advanced in English
German	Basic	Basic	Basic	Basic	2° Escuela Oficial de Idiomas

19th May 2010