

Alumno Mercedes-Benz

Personal Information

Name: David	
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Nationality: Spanish	

Studies

Title of degree	Study Period	Location
Bachelor's Degree in Industrial Electronics and Automation Engineering	2013 - 2018	EII University of Valladolid

Diploma Thesis

Company	Title	Abstract	
Daimler AG		Internship at Daimler AG (Mercedes-Benz Vans, Stuttgart, Germany). Development of a CANoe simulation (c:AUTOmatised Testing) completely from scratch (programmed in CAPL) for vehicle testing, for End2End Testing of the Mercedes PRO in-vehicle digital services. This tool is valid for the new telematics platform called HERMES The main goal of the tool is the ability to have automatized testing services, E2E, from the proper vehicle to the telematics tools of the final user (Dashboard and App), closed to real-environment and with the plus of remote access for the testing engineers.	

Professional Experience

Company/ University	Location	Period	Description
Daimler AG	Stuttgart (Germany)	01.02.2018 - Currently	
Daimler AG	Stuttgart (Germany)	01.05.2017 31.01.2018	 Final Project: Enhanced CAN test automation of connect-me and telematics features. Internship, Software development: Testing, validation and CAN programming especially focused on telematics features. Focus: CANoe, CAPL, CAN-Bus, Dataloggers, Panel Designer, Microsoft AZURE. Sector: Automotive, telematics.



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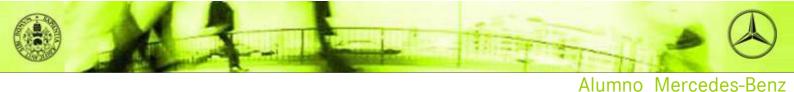
Plastecnic Accesorios S.A.	Bembibre (León — Spain)	07.2016 - 09.2016	 Internship, Software development: PIC Microcontrollers SW development, specially CAN-Module and ADC. Focus: CAN, Microcontrollers, ADCs. Sector: Accessories for automotive.
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Languages

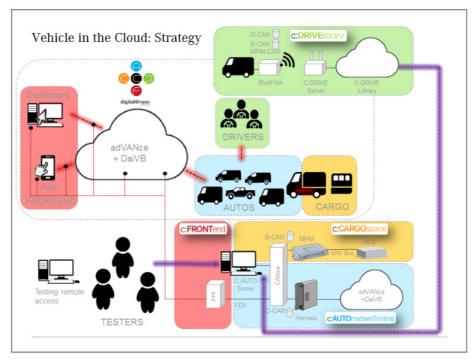
Language	Understanding	Speaking	Reading	Writing	Certificates
Spanish	Mother tongue	Mother tongue	Mother tongue	Mother tongue	
English	High	High	High	High	B2
German	Medium	Medium	Medium	Medium	A2

Extra-Curricular Activities

Date	Activitiy	Location
2016-2017	Pisuerga Sport: SW-HW Developer for PIC- Microcontrollers and Arduino.	Valladolid, Spain



Vehicle in the cloud



c:AUTOmatisedTesting

c:AUTO reproduces the behavior of the vehicle, what means it can create the "virtual" vehicle. Is the brain of the testing structure, of the following modules c:CARGO and c:FRONT still to come

c:AUTOmatisedTesting				
VS30 #1	VS30 #2			
CAN Logfile	CAN Logfile			
VIN Selector Current VIN GPS Data Info	VIN Selector Current VIN GPS Data Info			
WDB9077331P000001 VDB9077331P000001	WDB9077331P000002 • WDB9077331P000002 • · · · · · · · · · · · · · · · · · ·			
GPS Logfile	GPS Logfile			
GPS Mode TIME Mode Time - 20 : 52 : 30 Use CAN-GPS Data Use currenttime Date - 29 . 12 . 2017 Start Reptay Stop Reptay Open TCU1 Panel Close TCU1 Panel	GPS Mode TIME Mode Time - 20 : 52 : 30 Use CAN-GPS Data Use currentime Date - 29 . 12 . 2017 Start Replay Stop Replay Open TCU2 Panel Close TCU2 Panel			
VS30 #3	VS30 #4			
CAN Logfile	CAN Logfile			
VIN Selector Current VIN GPS Data Info	VIN Selector Current VIN GPS Data Info			
WDB9077331P000003 VDB9101331N000003	WDB9101331N000004 VWDB9101331N000004			
GPS Logfile	GPS Logfile			
GPS Mode TIME Mode Time - 20 : 52 : 31 Use CAN-GPS Data Use current time Date - 29 12 2017	GPS Mode TIME Mode Time - 20 : 52 : 31 Use CAN-GPS Data Use current time Date - 29 12 2017			
Start Replay Stop Replay Open TCU3 Panel Close TCU3 Panel	Start Replay Stop Replay Open TCU4 Panel Close TCU4 Panel			



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Visual Panel for each vehicle.



Some of the views in CANoe which shows the cockpit, position, graphics and states.