



Personal Information

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Nationality: Spanish



Studies

Title of degree	Study Period	Location
Telecommunications Engineering Bachelor	2002 - present	Escuela Superior de Ingenieros de Telecomunicación. Valladolid (Spain)

Diploma Thesis

Company	Title	Abstract
Daimler AG	"Development of a backend call center for test automation and validation of vehicle personal telematic services: mbrace™ SMS Center"	The Diploma Thesis covers the development of a software tool (mbrace™ SMS Center) to validate the over-the-air communication between the Mercedes-Benz mbrace™ telematics control unit and the Service Operator Backend. The tool decodes the different data SMS exchanged between the control unit and the backend through the digital CDMA cellular network. The mbrace™ SMS Center allows DAG now a complete feature validation of mbrace™ services in vehicles in Germany, and avoids dependencies with the Service Provider for testing and development.

Professional Experience

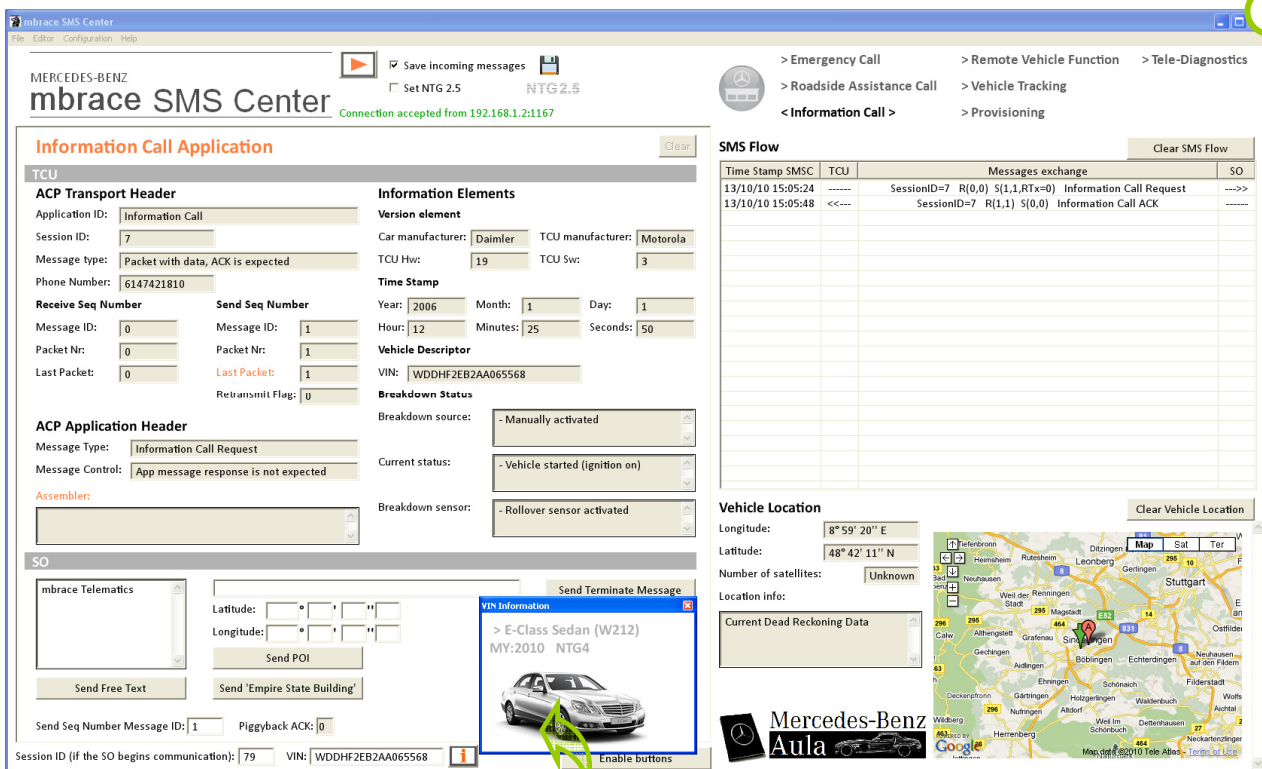
Company/ University	Location	Period	Description
Daimler AG	Sindelfingen (Germany)	July-2010 / currently	<ul style="list-style-type: none">- Validation of the Telediagnosis System in Mercedes-Benz passenger cars: laboratory and in-vehicle testing. Developing of a new software tool to evaluate and monitor the transfer of the telediagnostic data information between the in-vehicle Diagnosis System and the Service Operator Center.- Validation of new mbrace services to be launched in the US market.
Daimler AG	Sindelfingen (Germany)	July-2009 / June-2010	<ul style="list-style-type: none">- Development of a SMS Center based on CDMA for test automation and validation over-the-air communication of the mbrace™ telematics platform.- Enhancement mbrace™ test automation framework in 4CS. Development a new current measurement module and integration via GPIB interface.- Establishment (purchase management) of a hands-on Laboratory on Industrial Test Automation at the University of Valladolid (Spain) [Aula Mercedes-Benz II]



Languages

Language	Understanding	Speaking	Reading	Writing	Certificates
Spanish	Mother tongue	Mother tongue	Mother tongue	Mother tongue	
English	Good	Good	Good	Good	
German	Fluent	Fluent	Fluent	Fluent	5° Escuela Oficial de Idiomas

Screen captures of the mbrace™ SMS Center and the 4CS current consumption measurement module:



- 1 Screen captures of the mbrace™ SMS Center during an Information Call.
- 2 Example of diagnostics and maintenance data decoding.
- 3 CDMA Simulator.
- 4 Current consumption graphic of the LCT ECU during tracking mode.

