



Alfonso Trigo Raposo

Software engineer

Contact information

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Employment history

12/2020– **SW Feature Owner** , CTAG, Porriño, (Spain).

Present Development of a LIN ECU for handling an electrochromic roof of a main American OEM

- Analyze customer and system requirements
- Interact with the customer and other involved teams to clarify the scope of the work
- Design implementation strategies and prioritize functionalities
- Design SW architecture jointly with the SW architect
- Guide issue analysis and prioritize fixes
- Report the progress of the project to the management

01/2020– **SW Project Manager**, CTAG, Porriño, (Spain).

12/2020 Development of an LIN/UDS bootloader for Audi.

- Track and report the progress of the project activities
- Ensure correct development according to ASPICE methodology
- Interact with the customer and other involved teams to clarify the scope of the work
- Guide issue fix and prioritize fixes

- 09/2018– **Technical leader for telematic services**, *CTAG Automotive Technologies*,
12/2019 Bucharest, (Romania).
Validation of connected services for the Infotainment unit of Renault
- Set up a validation team specialized in functional validation of connected services.
 - Design strategies for the validation
 - Monitor and report validation activities.
 - Maintain OEM technical specifications for connected services
- 09/2017– **Validation Team leader for telematic services**, *CTAG*, Porriño, (Spain).
09/2018 Validation of connected services for the Infotainment unit of Renault
- Manage the validation activities for IVI (In vehicle Infotainment) team
 - Monitor and report validation activities of the team
 - Maintain technical specifications for the connected services
- 02/2015– **Technical specification writer**, *CTAG*, Porriño, (Spain).
09/2017 Develop functional specifications for the Infotainment unit of Renault
- Gather customer requirements
 - Identify use cases based on requirements
 - Define connected services from a technical point of view
- 02/2014– **Internship as software developer**, *Airbus Helicopters*, Germany.
09/2014 Update and upgrade a web application based on Google Web Toolkit.
- 05/2010– **Computer Assistant**, *University of Santiago de Compostela*, Spain.
01/2015 Performing maintenance tasks and providing support to the users.

Education

- 2009–2015 **Computer Engineer**, *University of Vigo*, Ourense, Spain.
Extension of the Technical Computer Engineer degree
- 2011–2012 **Erasmus Programme**, *Akademia Techniczno-Humanistyczna*, Bielsko-Biała, Poland.
- 2003–2008 **Technical Computer Engineer (Focused on Software engineering)**,
University of Vigo, Ourense, Spain.

Languages

Spanish Mother tongue
English Fluent
German Basic level

Technical skills

Automotive protocols
CAN, LIN, UDS, MQTT
Programming, scripting and other languages
Python, Java, C, Bash, VBA, UML

Certificates

2015 Cisco CCNA Routing & Switching
2015 Aptis C1 level for English language

Personal attributes

Responsible, with excellent communication skills and leadership without authority. Good analytical skills and creativity.

Interests

Electronics, Free diving, Traveling, Science, Geography & History