



# Alfonso Trigo Raposo

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*Software engineer*

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## 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
- Define implementation strategies and prioritize functionalities
- Design SW architecture jointly with the SW architect
- Ensure correct development according to ASPICE practices
- 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 practices
- Interact with the customer and other involved teams to clarify the scope of the work
- Guide issue analysis 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
  - Write functional specifications for defining connected
- 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.

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## 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