



## Jose Barros Ribademar

Date of birth: 31/12/1997

Nationality: Spanish

Gender: Male

### CONTACT



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### WORK EXPERIENCE

**18/10/2021 – CURRENT** – Porriño, O, Spain

#### Intelligent Transportation Systems Validation Engineer CTAG

**Technical evaluation** in **5G-Mobix** european project, related to 5G self-driving:

- Creation from scratch in Python of a tool used to calculate KPIs in application layer. It also makes comparisons with other OSI model layers.
- Application maintenance, including Git control and manual writing.
- Collaboration and coordination with the other project partners.

**Technical evaluation** in **Hi-Drive!** european project, also related to self-driving:

- Report elaboration.
- Collaboration and participation in the meetings with the other project partners.

**09/07/2018 – 10/08/2018** – Porriño, Spain

#### Industrial engineer Diservaulec

- Logistic support.
- Contact with suppliers.
- Revision and correction of electrical plans.
- Workload scheduling.
- Making and receiving orders from suppliers.
- Report elaboration.

### PUBLICATIONS

#### Visibility analysis for the occlusion detection and characterisation in street point clouds acquired with Mobile Laser Scanning

**2021** <https://doi.org/10.1080/10106049.2022.2032392>

Most of the times, multi-temporal acquisitions are the most used method to remove occlusions in point clouds. Even though, occlusion analysis is still being made visually. This work proposes an automatic method to detect and characterize urban point clouds acquired with Mobile Laser Scanner (MLS).

Keywords: LiDAR, occlusion identification, occlusion regeneration, 3D data processing, point cloud filling, urban environments.

### EDUCATION AND TRAINING

**09/2015 – 04/2021** – Rúa do Conde de Torrecedeira, 86, Vigo, Spain

#### Electronics and Automation Industrial Engineering Universidade de Vigo

<https://eei.uvigo.es>

# LANGUAGE SKILLS

MOTHER TONGUE(S): Spanish | Galician

OTHER LANGUAGE(S):

English

Listening C1	Reading C1	Spoken production C1	Spoken interaction C1	Writing C1
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German

Listening A2	Reading A2	Spoken production A2	Spoken interaction A2	Writing A2
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# DIGITAL SKILLS

Advanced level

Python / Pandas / Numpy

Intermediate level

Git / HTML / CSS / JavaScript

Basic level

PHP / MySQL / Linux