



## Jordi Marias I Parella

Date of birth: 16/01/1997

Nationality: Spanish

Gender: Male

### CONTACT



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### WORK EXPERIENCE

**19/01/2022 – CURRENT** – Barcelona

#### R&D Network Engineer Professional

Fundació I2CAT

Working as a Mobility Research Engineer and Software developer for the following European Research projects:

- [CAMEL](#)
- [PLEDGER](#)

**19/01/2021 – 18/01/2022** – Barcelona, Spain

#### R&D Network Engineer Junior

Fundació I2CAT

Connected Mobility Research Engineer. More specifically working on V2X (Vehicle-to-everything) and VANETs (Vehicular Ad-hoc Networks), developing applications over the ETSI C-ITS protocol stack. And also further developing the open-source project Vanetza. During this period I started working on the CAMEL project (Link above) and fully completed the VIPMAT project (links below):

- [VIPMAT \(tecsidel\)](#)
- [VIPMAT \(Generalitat de Catalunya\)](#)

**02/03/2020 – 18/01/2021** – Barcelona, Spain

#### R&D Network Engineer Intern

Fundació I2CAT

Connected Mobility Research Engineer. More specifically working on V2X (Vehicle-to-everything) and VANETs (Vehicular Ad-hoc Networks), developing applications over the ETSI C-ITS protocol stack. And also further developing the open-source project Vanetza. The paradigmatic application developed is the Collision Avoidance use case between a forklift truck and a bike in an industrial environment. This was published to the Spanish newspapers:

- [La Vanguardia](#)
- [MWCcapital](#)

**15/07/2019 – 02/03/2020** – Sant Cugat, Spain

#### Junior Software Developer

Roche Diagnostics

As an Associate Software Developer I was working on the development of the software that handles diagnostics hospital machinery. Working on that position I was mostly using and learning the following technologies:

- DevOps software (such as Jenkins, SonarQube, Git)
- React & Redux
- Java
- Intersystems Caché

Sant Cugat, Spain

**01/10/2018 – 28/06/2019** – Sant Cugat del Vallès, Spain

#### Software Developer Internship

Roche Diagnostics

During the internship in Roche Diagnostics, I've been primarily involved in Software Monitoring, Software Development and a few Software Testing.

On the branch of Software Monitoring, I've been working with the so-known ELK stack(Logstash, Elasticsearch and Kibana).

On the branch of Software Development, I've been working with a few Python scripts which had to be tested and I made the testing on my own.

Sant Cugat del Vallès, Spain

## EDUCATION AND TRAINING

**01/09/2021 – 12/12/2021** – 10 West 35th Street, Chicago, United States

### Master Thesis

Illinois Institute of Technology (IIT)

**09/2015 – 07/2019** – Barcelona, Spain

### Bachelor's degree in Telecommunications Technologies and Services Engineering (Major in Network Systems)

UPC (BarcelonaTech)

**17/02/2020 – 12/12/2021** – Campus Nord, Carrer de Jordi Girona, 1, 3, Barcelona, Spain

### Master's degree in Advanced Telecommunication Technologies

Universitat Politècnica de Catalunya (UPC)

<https://matt.masters.upc.edu/>

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Catalan | Spanish

**OTHER LANGUAGE(S):**

English

**Listening**  
C1

**Reading**  
C1

**Spoken  
production**  
C1

**Spoken  
interaction**  
C1

**Writing**  
C1

## ORGANISATIONAL SKILLS

### Organisational skills

- Unlike most people, I never leave things for the last minute and I always have the work done on time.

- Leadership (I've been the project leader in most of the "subjects based on projects" of my degree and I've always taken good marks on those subjects)

## COMMUNICATION AND INTERPERSONAL SKILLS

### ● Communication and interpersonal skills

- Good communication skills gained through my experience teaching technology to an entire classroom of children as a volunteer teacher.
- Excellent contact skills with adult people gained through my experience fixing computers and teaching them the maintenance they need.

## JOB-RELATED SKILLS

### ● Job-related skills

Basic notions of the following programming languages:

- PHP
- SQL
- Haskell (learnt at University)

Good level of the following programming languages:

- Javascript (learnt at University)
- TypeScript
- HTML5 and CSS
- C++ (Including CMake and Makefile)

Excellent level at the following programming languages:

- Java (learnt at University)
- Python (I've developed a dynamic webpage using Django)

Knowledge (with experience) with the following technologies:

- Django Framework (I programmed the following webpage <https://engrescat.org/>)
- Docker