

# Miquel Puerto Martínez

TELEMATICS ENGINEER

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## Education

### Pompeu Fabra University

TELEMATICS ENGINEERING

*Barcelona, Spain*

*Sep. 2015 - Sep. 2020*

## Skills

**Programming** C/C++, JAVA, GoLang, MATLAB, SQL, HTML, CSS, LaTeX

**Protocols** 6LowPAN, IP, UDP, TCP, CoAP, MQTT

**Languages** Catalan, Spanish, English

## Experience

### Undergraduate Research Assistant, UPF IoT-Lab

*Barcelona, Spain*

RESEARCHER ASSISTANT FOR <CoAP AND MQTT IMPLEMENTATION IN A WIRELESS SENSOR NETWORK>

*Dec. 2018 - Sep. 2020*

- Studied IoT and WSN state of art technologies.
- CoAP and MQTT implementation in a 6LowPAN network using Contiki-2.6 OS to upload relevant information to Ubidots and Thingsboard Internet servers.

### PowerData Solutions

*Barcelona, Spain*

BI CONSULTANT

*Feb. 2019 - Jul. 2019*

- Used PowerCenter tool to manage databases.
- Customer Support.
- Project documentation.

### PowerData Solutions

*Barcelona, Spain*

IT TECHNICIAN

*Sep. 2018 - Jan. 2019*

- GNU/Linux, Windows, Windows Server systems.
- VMWare virtualization environments and Veeam backups.
- Network, security and GDPR implementation.
- SQL and ERP integration.
- Project documentation.

### PowerData Solutions

*Barcelona, Spain*

IT INTERNSHIP

*Jul. 2018 - Aug. 2018*

- GNU/Linux, Windows, Windows Server systems.
- VMWare virtualization environments and Veeam backups.
- Network, security and GDPR implementation.
- SQL and ERP integration.
- Project documentation.