

# Miquel Puerto Martínez

TELEMATICS ENGINEER

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## Education

### Pompeu Fabra University

TELEMATICS ENGINEERING

*Barcelona, Spain*

*Sep. 2015 - Sep. 2020*

## Skills

**Programming** C, JAVA, Python, GoLang, MATLAB, SQL, HTML, CSS

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

**Other** AWS, Github, Scrum

**Languages** Catalan, Spanish, English

## Experience

### BCN3D Technologies

BACKEND ENGINEER

*Barcelona, Spain*

*Oct. 2020 - Mar. 2021*

- Amazon Web Services cloud developing (IoT-Core, Lambda, API-Gateway, Dynamo, RDS, ...)
- Lean methodologies (Jira and Confluence)

### Undergraduate Research Assistant, UPF IoT-Lab

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

*Barcelona, Spain*

*Dec. 2018 - Sep. 2020*

- IoT and WSN state of art technologies.
- CoAP and MQTT implementation in a 6LowPAN network using Contiki-2.6 OS.

### PowerData Solutions

BI CONSULTANT

*Barcelona, Spain*

*Feb. 2019 - Jul. 2019*

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

### PowerData Solutions

IT TECHNICIAN

*Barcelona, Spain*

*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

IT INTERNSHIP

*Barcelona, Spain*

*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.