

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.