

AGUSTÍN JOFRÉ MILLET

Phone 685 323 499
Email agustinjm85@icloud.com
linkedin.com/in/agustin-jofre-millet-505570188
Website www.agustinjofre.com

Computer Engineering.
Experience with embedded systems, IoT, Firmware, Artificial Intelligence,
Machine Learning and Big Data.

Key Skills

Programming language C, C++, Python, Java, R, Scala, JavaScript.

Description of digital circuits and electronic design VHDL.

Serial communication: I2C, I2S, SPI, PCI, RS-232.

Protocol (MQTT, CAN Bus, DHCP, TCP, IP, ICMP).

Machine Learning, Big Data Spark, Hadoop, Delta lake, Azure.

Web development JavaScript, CSS, HTML5, PHP, Angular, React.

Database SQL and NoSQL: Oracle, IBM DB2, MongoDB, CosmosDB.

IDE's EDKXilinx, STM32CubeIDE, Eclipse y Visual Studio.

Team collaboration Jira, Confluence, Microsoft Teams.

Version control GitHub, Bitbucket

Operating system FreeRTOS, Micrium OS, Linux

Teamwork.

Education

Degree in Computer Engineering (2020).

Complutense University of Madrid.

Certifications and courses

Predictive maintenance and anomaly detection with ST sensors

Microsoft Data & AI e lot (Bootcamp Madrid).

Google. Mobile App Development

AWS AI / ML certified.

Nanfor. Azure Data Engineer (DP-200 - 201).

Microsoft Azure. Machine Learning certified.

Google Machine Learning (TensorFlow).

Experience

TreeLogic - Jul 2020-Present

Data Engineer at Inditex.

Prepare the big data infrastructure for analysis and integration of data from various sources.

Tokiota - Jul 2019-Mar 2020

Big Data & Analytics Consultant.

Analytical, engineering an data visualization project.
Own IoT projects.

Project

Analog-to-digital converter on the STM32L476 and FreeRTOS developed in C.

C library for RTC time measurement.

Home automation system with FPGA Spartan3 (VHDL, C).

Firmware development with S3C44BOX and RTOS uC/OS-II.

Online gaming system with Sockets in C.

Filtering images with MPI in C.

Automatic assessment of the Barthel Index for monitoring physical activity in the elderly (BeagleBone, MQTT, Python, JavaScript, React).

Development of ETL framework in Python with Databricks notebook, Delta Lake and AWS S3.

Languages

English: Nivel B1.

Spanish: Native