

JULIA SERRANO ARRESE

SOFTWARE ENGINEER

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ABOUT ME

I'm a third-year student of Computer Engineering at the Universidad Politécnica de Madrid.

I'm an enthusiastic, responsible and hard working person who likes to explore new technologies and develop software solutions.

I'm excited to be a part of a team and to learn new skills.

EDUCATION

Universidad Politécnica de Madrid

Computer Engineering

2020 - 2025

TECH STACK

Backend: Java, Python, C

Databases: SQL (MySQL, SQLite)

Frontend: HTML, CSS

Frameworks: Flask, Bootstrap

Version Control: Git (Github)

OS: Linux, Windows

Cloud: Google Cloud

Machine Learning: Tensorflow

PROJECTS



Scraping Real Estate Properties

Jul 2022 - Present

Python, SQLite, Flask, HTML, CSS

Web Scraping project which extracts real estate property data from the Fotocasa website by the API endpoint method. All the data retrieved is inserted into a database which is previously created. The Python framework, Flask is used to make a simple website where the properties of interest are shown.

Personal Portfolio

Sep 2022

HTML, SCSS, CSS, Javascript

Personal portfolio to showcase my previous projects and get more exposure as I improve and develop my web development skills.

I/O operations on a peripheral using interrupts.

Dec 2015 - May 2017

Assembly

The project consists of controlling the management of Input/Output operations in a peripheral through interrupts. The chosen device is the DUART MC68681, operating both lines through interrupts.

CERTIFICATIONS

Front-End Web UI Frameworks and Tools: Bootstrap 4

This course gives you an overview of client-side web UI frameworks, in particular Bootstrap 4.

End-to-End Machine Learning with TensorFlow on Google Cloud

This course teaches you how to build scalable, accurate, and production-ready models for structured data.

LANGUAGES

Spanish - Native

English - Fluent