



# Javier Pérez Vargas

Student of Data Science and Artificial Intelligence

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🔗 <https://javipzv.github.io/>

## Profiles

[in](#) [Javier Pérez Vargas](#)

[🌐](#) [javipzv](#)

## About me

Graduated in Data Science and Artificial Intelligence at UPM, and now working on various projects related to data and artificial intelligence. I'm interested in everything connected to technology, learning new things, and applying what I know in real projects. Sometimes for work, sometimes out of curiosity.

## Education

**Universidad Politécnica de Madrid**

**September 2021 - June 2025**

Data Science and Artificial Intelligence

Degree

Top student of the graduating class

**Average grade: 8.93**

## Experience

**WhiteBox**

**February 2025 - Present**

Junior Data Scientist

Madrid

🔗 <https://www.whiteboxxml.com/>

**Collaboration Scholarship in the AI**

**October 2024 - May 2025**

**Department**

Universidad Politécnica de Madrid

Integration and evaluation of interpretable GAM models using the InterpretML library.

## Projects

**Facial Recognition**

**April 2024 - June 2024**

🔗 <https://github.com/javipzv/facial-recognition>

Facial recognition project that aims to recreate a mobile gallery that includes the functionality of recognizing faces using modern techniques of embeddings and computer vision.

**Application of homography and panoramic techniques on images.**

**Dic. 2023 - Feb. 2024**

🔗 <https://github.com/javipzv/homographies-and-image-stitching>

Merging images using homographies, applying keypoint detection (FAST and SIFT), point matching, RANSAC, and projections onto spherical surfaces.

## Technologies

### Programming

Python, C++, R, JavaScript, SQL

### Deep Learning

Scikit Learn, Tensorflow, PyTorch

### Data Science

Analysis, Visualization

### Databases

MySQL, SQLite, Kafka, PySpark

## Skills

### Teamwork

### Problem solving

### Flexibility

### Organisation and planification

## Languages

### Spanish

Native proficiency

### English

Professional competence

### Galician

Native proficiency

## Competitions / Awards

- Award for the top academic record of the graduating class

- Winner: Datathon BeTech (2024)

- Programming Contest Ada Byron (2023 y 2024)

- Cloudflight Coding Contest (2023)

## Certificates

- B2 First (Cambridge)

- Microsoft Certified: Azure AI Fundamentals

- Microsoft Certified: Azure AI Engineer