



Javier Pérez Vargas

Student of Data Science and Artificial Intelligence

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🔗 <https://javipzv.github.io/>

Profiles

[in](#) [Javier Pérez Vargas](#)

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About me

As of today, I am studying the Data Science and Artificial Intelligence degree at the Polytechnic University of Madrid. I enjoy learning and exploring the world of technologies in general, expanding my knowledge and skills in this constantly evolving field. On a personal level, I consider myself someone who enjoys the opportunity to apply my skills to positively impact the people around me.

Education

Universidad Politécnica de Madrid

Septiembre 2021 - Junio 2025

Data Science and Artificial Intelligence

Degree

Nota media: 8.73

Experience

Collaboration Scholarship in the AI

October 2024 - Present

Department

Universidad Politécnica de Madrid

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

WhiteBox

February 2025 - Present

Intern Data Scientist

Madrid

🔗 <https://www.whiteboxml.com/>

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

- 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