

Pablos Tselioudis Garmendia

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EDUCATION

University Carlos III of Madrid

Bachelor in Data Science and Engineering

Madrid, Spain

Expected Jul 2025

- **Awards:** Excellence Scholarship of Madrid 2025
- **Relevant Coursework:** Data Structures and Algorithms, Statistical Modelling, Machine Learning I&II,

Northeastern University

Bachelor in Data Science | Exchange Program

Boston, MA

Aug 2023-May 2024

- **Awards:** Dean's List at Khoury College of Computer Science
- **Activities:** Sports Analytics Club, Data Science Club, Basketball Referee Association

European School of Brussels III

European Baccalaureate | Final Grade: 90.41/100

Brussels, Belgium

Graduated 2021

- **Awards:** EB Scholar with Distinction, CanSat Finalist, Mathematics Olympiad Finalist in 2018

WORK EXPERIENCE

Motix Connected, Toyota

AI and Machine Learning Summer Intern

London, UK

Jun 2023-Aug 2023

- Strengthened image processing skills through 40+ hours of specialized training, contributing to internal knowledge development for computer vision applications in automotive technologies.
- Developed an AI chatbot for customer support using Flowise AI and LangChain, reducing response time by 13% and improving query accuracy. Integrated NLP capabilities and existing knowledge bases.

Aioi Nissay Dowa

AI and Machine Learning Intern

London/Madrid

Jan 2025-Ongoing

- Employed by Aioi in the UK, working onsite at Toyota Madrid's offices on a 6-month internship
- Spearheading improvements on the churn model of the company to enhance customer retention.

Official Basketball Referee

Referee for the Federation of Basketball in Madrid

Madrid, Spain

Dec 2022-Present

- Officiated as a referee for over 70 basketball games maintaining a 100% attendance record
- Promoted to officiate competitive basketball games for older youth racking up 100+ hours of work.

PROJECTS

UCSAS 2024 USOPC DATA CHALLENGE

Boston, MA

Jan 2024

- Enhanced Team USA's selection process for the Paris 2024 Olympic Gymnastics team, utilizing predictive modeling to identify the most suited athletes.
- Leveraged linear regression, prioritizing recent performance scores to predict athlete outcomes, ensuring a robust and transparent US Olympic gymnastics team selection process.

SPOTIFY SONG RECOMMENDER

Athens, Greece

May 2024

- Developed a personalized Spotify song recommender using machine learning.
- Boosted user engagement metrics through the implementation of a Random Forest classification model with an accuracy of 92.4%.

Football Fantasy Predictive Model

Madrid, Spain

Oct 2024

- Implemented Random Forest and Gradient Boosting models that achieved R^2 scores of 0.245 (weekly points) and 0.485 (market value), guiding data-driven buy/sell decisions.
- Delivered actionable weekly recommendations that improved fantasy team performance by 22% of users following the system.

Samplex - AI-Powered Study Assistant Application

Brussels, Belgium

Feb 2025

- Designed and built UI components for Samplex, an Android app using Firebase that creates AI-powered personalized study plans from uploaded materials that received 92% user satisfaction
- Implemented OpenAI API integration to generate customized lectures and quizzes, reducing study time by 30% for users based on prototype testing.

SKILLS AND INTERESTS

Languages: Fluent in Spanish, French and Greek, C1 in English (IELTS Academic)

Technical Skills: proficient in Python, Excel, R, and SQL. Familiar with HTML/CSS, MongoDB, Docker, Langchain and Firebase