



## Mario Muñoz Serrano

Data Scientist

 [Sitio web personal](#) 

## Experiencia



### Data Scientist

Boston University

nov. de 2022 - ene. de 2023 · 3 meses

As a data scientist working in the Keck Laboratory of Network Physiology at the University of Boston, my primary responsibility was analyze large and complex datasets related to physiological networks. I used my expertise in statistics, machine learning, and data visualization to extract meaningful insights from the data and contribute to the research efforts of the laboratory.



### Data Scientist

Comercia Global Payments

ago. de 2021 - feb. de 2022 · 7 meses

As a data scientist at Caixabank, I specialize in using data analysis and statistical techniques to detect and prevent fraud within the organization. Utilizing tools such as Python, R, SQL, and Excel. I am able to identify patterns and anomalies in large sets of data, and use this information to improve and optimize Caixabank's fraud detection systems. My work helps ensure the security and integrity of the bank's financial transactions, while also protecting the customers from fraud.



### Ajuntament de l'Hospitalet

3 años

## Data Analyst

ene. de 2020 - ene. de 2021 · 1 año 1 mes

Data Analyst with a strong background in data visualization, analysis and reporting. Proficient in Python, Power BI, and CartoDB. Successfully utilized data to make strategic reports for the city of L'Hospitalet de Llobregat, including creating a specific website to improve access to relevant information for social entities. Proven ability to propose new functionalities and provide training and advice on new technologies. Strong collaborator, dedicated to making data accessible and useful for decision-making.

I've worked in the team who made the business plans send to the Spanish Ministry of Energy, Tourism and Digital Agenda for the National Plan for Smart Territories of the Digital Agenda for Spain, Smart Building Pilots. Obtaining a subsidy of 2.4 million euros so that the City Council of Hospitalet could develop the project.

## ICT Technician

feb. de 2018 - ene. de 2020 · 2 años

Hospitalet de Llobregat

My responsibilities are the creation and management of the content of the portal <https://www.lhon-participa.cat>. Including the proposal of new functionalities within the Metadecidim community. Correct dialogue and collaboration with the different departments in the development of non-electoral citizen participation. As well as support and advice on new technologies, including the improvement of the different channels of public citizen participation of the city council.



## Youth Basketball Coach & Analyst

Club Joventut Badalona

2011 - jul. de 2019 · 8 años

I am a highly experienced youth basketball coach and scout analyst, with a proven track record of delivering effective training sessions and providing analysis of individual and team performance. My responsibilities include delivering seasonal training blocks specific to the Youth Development Phase, watching different games every week to find youth prospects that could be interesting and adding them to our database, recording games for the ACB first team, serving as a scorer and timer in some friendly games of the ACB first team, refereeing youth friendly games, filming, coding, collating, and analyzing match/training video using longomatch, python, excel and playsight. My achievements include Champions of Catalonia, runners-up of Spain and participation in the ACB Minicopa. My tasks also include basketball coaching, statistical analysis, video analysis and scouting, among others.



## Volunteers Office Coordinator (Basketball world cup 2014)

Federación Española de Baloncesto

jul. de 2014 - sept. de 2014 · 3 meses

España

My obligations here were. Collaborate in the volunteer selection processes. The planning of the different resources of the office and the coordination of a volunteers team of 150 people according to the needs of the different departments (marketing, press, competition, technologies, protocol ...).

As well as support for the Slovenian national team for various practices, among others.

First in Barcelona during round of 16, quarterfinals and semifinals and after in Madrid during the third and fourth place and the world cup final.

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## Educación



### Universitat Pompeu Fabra - Barcelona

Bachelor of engineering (BEng) • Math engineering in data science (English)

2019 - 2023

English taught bachelor.



### University of Helsinki

Elements of AI



### Universitat Oberta de Catalunya

Bachelor of Laws - LLB

Only coursed the First year of the Bachelor's Degree



### Universitat de Barcelona

Bachelor degree (BA) • Political and Administration Science

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## Experiencia de voluntariado



### Volunteer

ACB (Asociación de Clubs de Baloncesto)

feb. de 2019 - feb. de 2019 · 1 mes

In the 2019 Basketball King's Cup helping the organization of the U14 tournament in Madrid and trophy ceremony.

Previous experiences:

- In the 2012 Final of Endesa League. Helping to the organization of the trophy ceremony.
- In the 2012 Basketball King's Cup helping the organization of the U14 tournament in Barcelona.



### Volunteer

National Basketball Association (NBA)

oct. de 2012 - actualidad · 10 años 6 meses

Volunteer in the friendly game between Dallas Mavericks and F.C. Barcelona. Helping the marketing department.

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