Mario Muñoz Serrano

Data Scientist

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Work experience

2022-10 - present

Data Scientist

Championchip (Chip Timing, S.L.)

As a data scientist at Chip Timing, S.L. (Championchip), I am responsible for analyzing large amounts of data related to athletic events such as running
races. My work includes analyzing timing data from chip-enabled timing devices worn by participants, as well as data from other sources such as registration information and weather conditions. I use statistical methods and machine learning techniques to identify patterns and trends in the data, which helps to improve the performance of the chip timing systems and provide insights to event organizers and race participants. Additionally, I develop data visualization tools to help communicate my findings to stakeholders.

2021-08 - 2022-04

Data Scientist

Comercia Global Payments

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.

Project Porfolio

https://mariomunooz-cv2-app-8enssm.streamlit.app/

Education

Bachelor of engineering

Universitat Pompeu Fabra

Math engineering in data science (English taught bachelor)

Certification

University of Helsinki

Elements of AI

Bachelor of Laws

Universitat Oberta de Catalunya

Bachelor of Laws - LLB
(Only coursed the First year of the Bachelor's Degree)

Bachelor degree

Universitat de Barcelona

Political and Administration Science

My work helps ensure the security and integrity of the bank's financial transactions, while also protecting the customers from fraud.

2018-02 - 2020-02

ICT Technician

Ajuntament de l'Hospitalet, Hospitalet de Llobregat, ES

Experienced ICT Technician 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.

2011-01 - 2019-07

Youth Basketball Coach & Analyst

Club Joventut Badalona

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.

In my previous roles, I have served as U12 Assistant Coach & Scout Analyst, U12 Mini C Head coach & Scout Analyst, U14 Assistant Coach & Analyst, U13 Assistant Coach & Analyst, U13 Pre-Infantil A Head coach, U14 Infantil C Head coach, U12 Mini D Head coach, U12 Mini F Head coach, U16 Assistant coach Cadet 98, U12 Mini E Head coach, U16 Cadet 97 Assistant Coach and U13 Pre-inf B Assistant Coach at Club Joventut Badalona School.

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.

2014-07 - 2014-09

Volunteers Office Coordinator (Basketball world cup 2014)

Federación Española de Baloncesto

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.