Mario Muñoz Serrano

Data Analyst, assisting enterprises by supporting data-driven decision-making.

📄 Download Resume

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Experience & Qulifications

✅ 3 Years experience extracting actionable insights from data

✅ Strong hands on experience and knowledge in Python and Excel

✅ Good understanding of statistical principles and their respective applications

✅ Excellent team-player and displaying strong sense of initiative on tasks

Hard Skills

🧑‍💻 Programming: Python (Scikit-learn, Pandas, Numpy, Matplotlib, Scipy), SQL, R, C, C++, Java

💻💻 Parallel Programming: AWS, OpenMPAPI, OpenACC, CUDA

📊 Data Visualization: PowerBi, MS Excel, matplotlib, ggplot2, rayshader

📚 Web Scrapping: Scrappy, Selenium, Beautiful Soup, Requests

🗄 Databases: MySQL

Among others...

Work History

Data Analyst | Comercia Global Payments

07/2021 - 08/2022

- ► Used Python, R and SQL to redefine and track KPIs.
- ► Creation of MS Excel KPI templates that can be used for non programmers .
- ► Improving the detection capacity of our fraud detection system using Data Mining and Machine Learning algorithms
- ► At the same time, we implement different evidence-based rules to reduce fraud operations

Data Analyst | L'Hospitalet City Council

03/2019 - 05/2020

- ► Used Python, Power BI and MS Excel to analyse data about key actions in the different neighborhoods and they possible impacts.
- ► Used Power BI, Python and Cartodb to make visualisations and strategic reports on the city of L'Hospitalet de Llobregat.

ICT Technician | L'Hospitalet City Council

02/2018 - 03/2019

- ► Creation of a specific website to make easier the access to relevant information by the social entities of L'Hospitalet
- ► Proposal of new functionalities inside of the Metadecidim community.
- ► Support for training on the Decidim digital platform for the technical staff of the city council.

► Support and advice on new technologies.

U12 Assistant Coach & Scout Analyst | Club Joventut Badalona

08/2018 - 07/2019

I deliver effective support during training sessions that follow a seasonal training block specific to the Youth Development Phase while also working as an scout analyst. This includes watching different games every week to find youth prospects that could be interesting and add them to our database. As well as other tasks, like:

► Recording some games for the ACB first team.
► Scorer and timer in some friendly games of the ACB first team.
► Refereeing youth friendly games.

U12 Mini C Head coach & Scout Analyst | Club Joventut Badalona

08/2017 - 07/2018

I deliver effective training sessions that follow a seasonal training block specific to the Youth Development Phase while also working as an scout analyst. This includes watching different games every week to find youth prospects that could be interesting and add them to our database.

U14 Assistant Coach & Analyst | Club Joventut Badalona

08/2016 - 07/2017

Assisted the Head Coach by providing analysis of individual and team performance. This includes filming, coding, collating, and analyzing match/training video using longomatch, python, excel and playsight.

Champions of Catalonia, runners-up of Spain and participation in the ACB Minicopa

U13 Assistant Coach & Analyst | Club Joventut Badalona

08/2015 - 07/2016

Assisted the Head Coach by providing analysis of individual and team performance. This includes filming, coding, collating, and analyzing match/training video using longomatch, python, excel and playsight.

Youth Basketball Coach| Club Joventut Badalona

08/2012 - 07/2015

Club Joventut Badalona School:

    2018-2019 // U13 Pre-Infantil A Head coach
    2015-2017 // U14 Infantil C Head coach
    2014-2015 // U12 Mini D Head coach
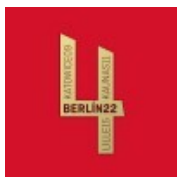   2013-2014 // U12 Mini F Head coach
    2013-2014 // U16 Assistant coach Cadet 98
    2012-2013 // U12 Mini E Head coach
    2012-2013 // U16 Cadet 97 Assistant Coach
    2012-2013 // U13 Pre-inf B Assistant Coach

Tasks: Basketball coaching, statistical analysis, video analysis and scouting, among others.

Volunteers Office Coordinator (Basketball world cup 2014) | Spanish Basketball Federation

07/2014 - 10/2014

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.

EDUCATION

Bachelor of enginerring (BEng) • Math engineering in data science (English) | Pompeu Fabra University

2019-Now

Bachelor degree (BA) • Political and Administration Science | University of Barcelona

2011-2015

Projects & Accomplishments

🏆 1st place Award public procurement Hackaton

🥈 2nd place U14 Spanish Championship

🏆 1st place U14 Catalan Championship

Volunteering

Volunteer (Final of Endesa League 2012 and King's Cup 2012 and 2019)| ACB (Association of Basketball Clubs)

In Barcelona February and June 2012

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 (Olimpic Games 2012 Preparation Tournament)| Spanish Basketball Federation

06/2012-06/2012

Volunteer in the Olimpic Games 2012 Preparation Tournament in Barcelona between the National Teams of Spain, Argentina and USA. Helping the press department of the tournament.

Volunteer (Dallas Mavericks and F.C. Barcelona) | National Basketball Association (NBA)

10/2012-10/2012

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