

# Fernández Román, Joel

Data Scientist | Data Engineer | Software Developer



## SUMMARY

I am a computer engineer with a special interest in data science, statistics, and artificial intelligence. I have a passion for stock analysis, risk management, and portfolio theory, with solid software development skills, especially in Python.

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in: [Joel Fernández Román](#)

🏠: <https://joelfernandezroman.github.io/>

## Experience



Feb 2023 – Jul 2024

**Data Engineer Jr. at [mjn-neuro](#)**

## SUMMARY

Software development in Python, focused on data analysis and training of artificial intelligence algorithms. Actively participated in MJN's main project.

- Lead developer for the VISOR graphical application (backend & frontend), responsible for managing Bluetooth connections and data logging via Bluetooth.
- VISOR Project: [https://www.iiiia.csic.es/en-us/research/project/?project\\_id=234](https://www.iiiia.csic.es/en-us/research/project/?project_id=234)
- Algorithm developer for the runtime functionality in SERAS (<https://mjn.cat>), specializing in real-time evaluation of the algorithm and managing mobile alerts in cases of epileptic seizures.

## Languages



Spanish :

Native

English :

Intermediate

Jun 2022 – Sep 2022

Cashier and Stocker at Mercadona

Jun 2021 – Aug 2021

Cashier at Mercadona

Jun 2020 – Sep 2020

Restaurant Server at Marsol Hotels & Resorts

Jun 2019 – Sep 2019

Restaurant Server at Marsol Hotels & Resorts

## Education



Oct 2024 – Jun 2025

Master's Degree in Master's in Data Science and Artificial Intelligence  
from Universitat de Girona with GPA of

Sep 2019 – Jun 2023

Bachelor's Degree in Computer Engineering  
from Universitat de Girona with GPA of

## Projects



## Skills



### Python :

★★★

Data Analysis

ETL

Machine Learning

Object-Oriented Programming (OOP)

NumPy

### Machine Learning :

★★★

Exploratory Data Analysis

Statistical Analysis

Supervised Learning

Unsupervised Learning

Data Preprocessing

### Data Engineering :

Advanced

Data Extraction and Transformation (ETL)

Flask API

SQL Databases

### C++ :

★★☆

Algorithms

### Java :

★★☆

Object-Oriented Programming

Data Structures

### LaTeX :

★★☆

Technical Documentation

Scientific Papers

Presentations

### Soft Skills :

Advanced

Teamwork

Public Speaking

Customer Service Management

## Interests



### Sports :

Formula 1

Padel

Tennis

Gym

### Studies :

Finance

Business Cycle Theory

Portfolio Management

Stock Market

### Games :

Chess