



Rodrigo Carreira

SOFTWARE ENGINEER



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ABOUT ME

My name is Rodrigo, and I am finishing my last year of **Computer Science** at the **University of Málaga**. I am incredibly interested in the workings of **AI**, whether it be exploring algorithms and techniques of **machine learning** and **natural language processing**. I constantly seek opportunities to learn and attend important events such as **ARITH 2024** (where I was on staff), **DES 2024**, and various technological congresses on **AI** and **cybersecurity** held in Málaga.

EDUCATION

09/2021 - Present

Universidad of Málaga

Bachelor's in "Computer Science"

GPA: 8'50/10.00

09/2019 - 06/2021

Novaschool Añoreta Bilingual School

2nd Year of Scientific Baccalaureate

GPA: 9'90/10.00

TECHNOLOGIES

- **Java**, SpringBoot, **Python**, C/C++, **SQL**
- **HTML**, **CSS**, **JS**, **TS**, **Angular**
- **CUDA**, **Git**, **LaTeX**, **Haskell**

SOFT-SKILLS

🎾 Tennis enthusiast and **sports** aficionado in general.

🧑 I am an **open** and **sociable** person who enjoys collaborating with others and always building **meaningful relationships**.

🚀 **Self-taught** and passionate, with a **charismatic** and **empathetic** personality

IDIOMAS

- **Español** Nativo
- **Inglés** Nivel C2

EXPERIENCE

PROJECTS

Image Tracker using YOLO (Ultralytics)

Computer Vision Engineer

05/2024

Python implementation that trains a **computer vision model** using **YOLO** to detect hands in the shapes of rock, paper, or scissors. The system determines the outcome of the game. It covers everything from **dataset** generation to **model training**.

Neural Network from Scratch in Python

Machine Learning Engineer

05/2024

Python implementation of a **neural network** that covers basic concepts such as **forward propagation**, **backpropagation**, and training using **gradient descent**. Basic **Python** is used without libraries like **TensorFlow** or **PyTorch**.

CERTIFICATIONS

- Certificate in "**Proficiency in English (C2)**" by the **Cambridge University Press** and **Assessment English**.
- Certificate in "**Fundamentals of Accelerated Computing with CUDA C/C++**" by the **Nvidia DLI**.
- Certificate in "**Fundamentals of Deep Learning**" by the **Nvidia DLI**.
- Certificate in "**Building Transformer-Based Natural Language Processing Applications**" by the **Nvidia DLI**.
- Certificate in "**Rapid Application Development with Large Language Models (LLMs)**" by the **Nvidia DLI**.
- Certificate in "**Oracle Cloud Infrastructure 2024 Generative AI Certified Professional**" by **Oracle**.