Catarina Costa

I am a second-year Master's student in Software Engineering, with a strong passion for fashion and design. I'm currently seeking a job or internship in the fields of **Databases**, **Data science** or **Computer Vision**.

CONTACT

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EDUCATION

University of Minho — 2023-2025
Master's Degree in Software Engineering — Braga, Portugal

- Specialized in Predictive Systems, Databases, and Computer Vision

Univesity of Aveiro — 2020-2023
Bachelor's Degree in Software Engineering — Aveiro, Portugal

PROJECTS

Master Thesis
The Use of Vector Databases in Predictive Analysis Systems

- A machine learning classification system designed for medical diagnosis prediction with the use of vector databases.

Champi
Training Assistant Chatbot

- A chatbot that creates personalized training plans for beginners.

MyPharmaChatbot
Supplement Information Chatbot

- Created for the Informatics Project in collaboration with the MyPharma company, this chatbot provides detailed information about the company's supplements and is available to all users.

VCPI Project
CycleGAN - Comic Book Covers to Van Gogh Paintings

- This project notebook aims to transform comic book covers into Van Gogh paintings and vice versa, using the CycleGAN model on image-to-image translation.

AIS Project
Big Data Analysis — Environmental Impact of Food Industry

- Interactive dashboard to analyze the impact of food production and consumption on climate change, using Cassandra for storage and Power BI for visualization.

SKILLS

Programing
Python, Java, Matlab, SQL

Machine Learning
Pandas, Scikit-learn, LangChain, NumPy, TensorFlow (notions), OpenCV (notions), PyTorch

Languages
English B2, Portuguese (native)

Tools
Git, JupyterLab, Docker, PowerBI

Databases
MySQL, FAISS, Pinecone, MongoDB, Neon4j, Cassandra

Others
React, Jira, Adobe Photoshop