MARCO PILLONI

I am a 23-year-old software developer and Master's student in Computer Science – Applied Artificial Intelligence. I have developed several mobile applications and contributed to several software projects. Currently in the second year of my Master's degree, I am actively involved in various artificial intelligence projects.

Skills

Large Language Models

AI Integration

Machine Learning

Deep Learning

Python

Tensorflow

AI Framework (llama-index, langchain)

Torch

Cloud Computing

FastAPI

Swift

React

GitHub

TypeScript

Backend Development

API Development

Certifications

Build a Neo4j-backed Chatbot using Python

Neo4j - LLM Fundamentals

ISE III Trinity

GESE Grade 9

ISE II Trinity

ECDL Base

Languages

Italian (native)

Inglese (advanced)

💼 Work experience

September 2024
Current

Research Fellow
Università degli Studi di Cagliari, Cagliari

September 2020
Current

Freelance Software Developer
Freelance, Da remoto

January 2024
August 2024

Software Engineer
VisioScientiae, Cagliari, Italy

September 2023
January 2024

Internship
Università degli Studi di Cagliari, Cagliari, Italy

July 2022
September 2023

Full-stack Developer
Optivo Logistics, Cagliari, Italy

June 2022
September 2023

Software Developer
Bautiful, Cagliari, Italy

September 2020
May 2021

iOS App Developer
Theatron Square, Remote

🎓 Education

January 2024
Current

Master's Degree (LM), Applied Artificial Intelligence
Università degli Studi di Cagliari, Cagliari

January 2021
January 2024

Bachelor's Degree, Applied Computer Science and Data Analytics
Università degli Studi di Cagliari, Cagliari

Final grade: 110/110 cum laude

January 2015
January 2021

High School Diploma, Scientific Studies

Liceo Scientifico Statale Antonio Pacinotti, Cagliari

📑 Certification

Neo4j - LLM Fundamentals

Neo4j

Build a Neo4j-backend Chatbot using Python

Neo4j

ISE III Trinity

Trinity College London

GESE Grade 9

Trinity College London

ISE II Trinity

Trinity College London

📑 Publications

October 2025

Explainable Knowledge Access: Recursive and Rerank-Based RAG for Interpretable QA

Springer

Presented at EXPLAINS 2025.

ResearchGate Link