Melchiorre Cosseddu

WORK EXPERIENCE

University of Cagliari

City: Cagliari | **Country:** Italy

[01/10/2023 – 29/02/2024] **Intern Student**

- Study and Research (Knowledge Graph, Embedding, Large Language Models...)

Visioscientiae s.r.l.

City: Cagliari | **Country:** Italy

[01/03/2024 – 31/07/2024] **Software developer**

- Development of AI Systems

University of Cagliari

City: Cagliari | **Country:** Italy

[16/08/2024 – Current] **Fellow Researcher**

- Research in AI field (LLM, Knowledge Graph, Information Extraction)

EDUCATION AND TRAINING

[01/09/2016 – 30/06/2021] **Scientific High School Diploma**

Liceo Scientifico e Linguistico "Enrico Fermi" Nuoro   https://www.liceoferminuoro.edu.it

City: Nuoro | **Country:** Italy | | **Final grade:** 100 | **Level in EQF:** EQF level 4

[01/09/2021 – 23/07/2024] **Bachelor's Degree, Applied Computer Science & Data Analytics**

University of Cagliari   https://www.unica.it/it

City: Cagliari | **Country:** Italy | | **Final grade:** 110/110 cum laude | **Level in EQF:** EQF level 6 | **Thesis:** Exploring Knowledge Graphs via Semantic Embedding

[01/10/2024 – Current] **Master Degree, Applied Artificial Intelligence**

University of Cagliari   https://www.unica.it/it

City: Cagliari | **Country:** Italy | | **Level in EQF:** EQF level 7

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B2 **READING** C1 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Git | Cypher | C | postgresql | Python | C++ | SQL

PUBLICATIONS

[2025] **Explainable Knowledge Access: Recursive and Rerank-Based RAG for Interpretable QA**

Authors: Melchiorre Cosseddu et al.

HONOURS AND AWARDS

[10/2025] **Best Student Paper Award Awarding institution:** INSTICC

Best Student Paper Award Certificate for the paper entitled: "Explainable Knowledge Access: Recursive and Rerank-Based RAG for Interpretable QA".