

PERSONAL INFORMATION **Roberto Maria Delfino**

## WORK EXPERIENCE

- Feb 2023 – Present Teaching Assistant**  
Sapienza – University of Rome  
Department of Computer, Control and Management Engineering A. Ruberti  
Via Ariosto 25, 00185 Rome, Italy  
Teaching Assistant for the Data Management course for the Master of Science degree in Engineering in Computer Science  
Topics Data Warehousing: Multidimensional modeling, OLAP techniques and tools  
Graph Databases: theory and applications  
Aggregate Databases: theory and applications
- Aug 2022 – Present Research Assistant**  
Sapienza – University of Rome  
Department of Computer, Control and Management Engineering A. Ruberti  
Via Ariosto 25, 00185 Rome, Italy  
Research areas: Artificial Intelligence, Knowledge Representation, Automated Reasoning, Data Management
- Feb 2022 – Jul 2022 IoT Business Analyst**  
Indra Italia S.p.A.  
Via del Serafico 200, 00142 Rome, Italy  
Analysis e development of IIoT technologies for Edge Devices (Remote Terminal Units) for the control of remote sensors and actuators in electrical substations
- Sep 2015 – Nov 2015 Curricular Internship**  
Sapienza – University of Rome  
Department of Computer, Control and Management Engineering A. Ruberti  
Design and development of an Android application for intercultural exchange  
Conceptual modeling (ER, UML), Java programming, Client-Server model

## EDUCATION AND TRAINING

- Nov 2022 – Present National PhD in Artificial Intelligence** **QEQ 8**  
Sapienza – University of Rome  
Department of Computer, Control and Management Engineering A. Ruberti  
Admitted to the Italian National Doctoral Program in Artificial Intelligence  
Supervisor prof. Maurizio Lenzerini
- 2015–2021 Master of Science in Engineering in Computer Science** **QEQ 7**  
Sapienza – University of Rome  
Department of Computer, Control and Management Engineering A. Ruberti  
Thesis Explaining the semantics of datasets through ontologies  
Advisor prof. Maurizio Lenzerini  
Description Investigated novel ontology-based abstraction techniques to provide datasets with semantic explanations in the form of queries expressed through ontologies describing the business domains of interest. The techniques have been implemented and tested on the OBDM engine MASTRO

2009–2015 **B.Sc in Computer Systems Engineering**

QE6 6

Sapienza – University of Rome  
Department of Computer, Control and Management Engineering A. Ruberti

## PERSONAL SKILLS

Mother tongue Italian

| Other languages | UNDERSTANDING |         | SPEAKING           |                   | WRITING |
|-----------------|---------------|---------|--------------------|-------------------|---------|
|                 | Listening     | Reading | Spoken interaction | Spoken production |         |
| English         | C1            | C1      | C1                 | C1                | C1      |
| French          | A1            | A1      | A1                 | A1                | A1      |

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user  
[Common European Framework of Reference for Languages](#)

## Digital competences

| SELF-ASSESSMENT        |                 |                  |                 |                 |
|------------------------|-----------------|------------------|-----------------|-----------------|
| Information Processing | Communication   | Content creation | Safety          | Problem solving |
| Proficient user        | Proficient user | Proficient user  | Proficient user | Proficient user |

[Digital competences - Self-assessment grid](#)

Driving License B

Autorizzo il trattamento dei dati personali contenuti nel presente curriculum vitae ai sensi del D.lgs. 196/2003 e dell'art. 13 GDPR (Regolamento UE 2016/679).