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: 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 | QEQ 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				
C2	C2	C1	C1	C1
French				
A2	A2	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