

PERSONAL INFORMATION

Roberto Enea, PhD



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WORK EXPERIENCE

01/02/2025 – Now

Lead Data Scientist

Fortra, Minneapolis – MN – USA (Remote)

I lead the Cloud Email Protection Data Science Team in Fortra. Our main goal is building LM Models/ AI Agents for Phishing Detection.

01/05/2024 – 01/02/2025

Data Scientist II

Fortra, Minneapolis – MN – USA (Remote)

Member of the Data Science Team of HelpSystems, developing ML models for Agari products: Agari Phishing Defense.

01/09/2021 – 01/05/2024

Data Scientist

Agari by Fortra, Minneapolis – MN – USA (Remote)

Member of the Data Science Team of HelpSystems, developing ML models for Agari products: Agari Phishing Defense.

30/11/2019-01/09/2021

Principal Software Engineer

CoreSecurity by Fortra, Minneapolis – MN - USA (Remote)

Senior Member of the IGA (Identity Governance and Administration) Team, developing security software for Identity Management, Threat Detection, Access Control.

22/08/2016-30/11/2019

Senior Software Engineer

SecureAuth, Irvine – CA - USA (Remote)

Senior Member of the IGA (Identity Governance and Administration) Team, developing security software for Identity Management, Threat Detection, Access Control.

01/07/2015–21/08/2016

Software Manager

Consulteq Srl, Salerno (Italy)

Responsible for the supervision and coordination of people, resources and process necessary to deliver a new software or upgrade existing products in projects of embedded software and real time systems

2008-07/2015 Head of Software R & D

Metoda Spa, Naples (Italy)

Coordination of the design and development team for automation software and user interface of printing machines to laser etching (Ctp).

Design and development of Diagnosis Systems on board and off board. Design and development of real time systems.

Service Manager

Metoda Spa, Naples

Coordination of Technical Assistance Team.

Management of customer technical issues related to the use of the Ctp One and its workflow.

Technical support to sales.

Design and development of computer system suitable for the storage of Service Management Data.

2007-2008 Production Supervisor

Metoda Spa, Naples (Italy)

Production planning based on strategic objectives provided by the Production Manager.

management of the supply chain

Definition of quality specifications and testing procedures

2006-2008 System Integrator

Metoda Spa, Naples (Italy)

Definition of system specifications. Definition of the integration procedures.

Design and development of simulation systems for the feasibility study and integration of typographic machines to laser etching (CTP).

2003-2006 IT Consultant

Self Employed, Caserta (Italy)

Software Design and Development

As a journalist for publications specialist in networking and computer security (Playpress Editions).

Collaboration with the Department of Computer and Systems Engineering Faculty of the University Federico II of Naples for the realization of a system for the Top Detection on the Web.

1996-2003 Owner and CTO

Synacomm snc, Caserta (Italy)

Software Design and Development, Networking.

Information systems management.

EDUCATION AND TRAINING
1999-2005 Bachelor's Degree in Software Engineering

EQF level 6

Università degli studi "Federico II", Naples (Italy)

2010–2014 **Master's Degree in Software Engineering**
Università degli Studi "Guglielmo Marconi", Rome (Italy)

EQF level 7

2016–2019 **PHD in Physics And Industrial Innovation Engineering (Research Field: Artificial Intelligence)**
Università degli Studi "Guglielmo Marconi", Rome (Italy)

EQF level 8

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

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

Communication skills Good communication skills gained through my experience as Service Manager

Organisational / managerial skills Good managerial skills in software engineering gained through my experience as Head of Software R&D and Software Manager

Job-related skills
Project management

Software Engineering
Software Development
Systems Integration
Embedded software
Artificial Intelligence
Machine Learning

Digital competence

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 licence B

ADDITIONAL INFORMATION

Patents

Printing method by a writing mechanism having either one print head with multiple arrays of side by

side writing elements or a plurality of side by side print

eu Patent **EP2392462** Released on 21st of August 2013

Inventor: Roberto Enea

Publications

Using Machine Learning to Explore Shared Genetic Pathways and Possible Endophenotypes in Autism Spectrum Disorder

Genes · Jan, 2023

Authors: Daniele Di Giovanni, Roberto Enea, Valentina Di Micco, Arianna Benvenuto, Paolo Curatolo, Leonardo Emberti Gialloreti

Clustering Analysis Supports the Detection of Biological Processes Related to Autism Spectrum Disorder

Genes · Dec 9, 2020

Authors: Leonardo Emberti Gialloreti, Roberto Enea, Valentina Di Micco, Daniele Di Giovanni, Paolo Curatolo

EMMI Enquiry Model for Medical InvestigationEMMI Enquiry Model for Medical Investigation

IEEE CBMS 2019 · Jun 7, 2019

Auhtors: Roberto Enea, Maria Teresa Pazienza, Andrea Turbati

How to Support Human Operator in "Uncertainty" Managing during the Ontology Learning Process

WWW (Companion Volume) 2018: 1147-1154

Authors: Roberto Enea, Maria Teresa Pazienza, Andrea Turbati, Alessandro Colantonio

Conceptual Knowledge Management: The Case of Biomedical Information

JOWO 2017

Authors: Roberto Enea, Maria Teresa Pazienza, Andrea Turbati, Davide Vitiello

IDRA: An ontology driven Cognitive Computing System

DC@ISWC 2017

Author: Roberto Enea

GENOMA: a GENeric Ontolgy Matching Architecture

Springer 23 September 2015

Authors: Roberto Enea, Maria Teresa Pazienza, Andrea Turbati