

Francesco Ferrini

+39 3489981820
francescoferrini1997@gmail.com

in /ffrancesco
/francescoferrini
/franciferrini_

Education

University of Trento

Ph.D. in Machine Learning

Nov 2022 – Curr.
Trento, Italy

- > Research topics: Graph Neural Networks, Knowledge Graphs, Meta-paths GNN, Graph Representation Learning

Aalborg University

MSc Internship

May 2022 – Sep 2022
Aalborg, Denmark

University of Trento

MSc in Artificial Intelligence Systems

Oct 2020 – Oct 2022
Trento, Italy

- > Course topics: Machine Learning, Deep Learning, Computer Vision, Advanced Machine Learning techniques, Natural Language Processing

University of Verona

BSc in Computer Science

Oct 2016 – Mar 2020
Verona Italy

- > Thesis: Robot planning in unknown scenarios

Publications

Meta-path Learning for Multi-relational Graph Neural Networks

Francesco Ferrini, Antonio Longa, Andrea Passerini, Manfred Jaeger

LOG 2023

Energy-Efficient Inference on the Edge Exploiting TinyML Capabilities for UAVs

Wamiq Raza, Anas Osman, Francesco Ferrini, Francesco De Natale

MDPI 2021

Activities

Organizer of LOG Meetup Trento 2023

[Website Link](#)

- > Organization of the 4 days 2023 Learning on Graphs Trento Meetup in Italy

Projects

RasaBot

Python, MySQL

2022

[Github Link](#)

- > Development of a chatbot in Rasa X framework able to help customers in completing an order on an online e-commerce. Through the bot, customers are also able to create an account, visualize products or ask more general questions.

Attribute recognition and Re-identification

Python

2022

[Github Link](#)

- > Development of a Neural Network, in a supervised setting, able to predict different types of attributes on new images from dataset Market1501 and to identify the same person in different images.