

WORK EXPERIENCE

[16/01/2024 - Current]

Supply Chain consultant

Sedapta

City: Genova | **Country:** Italy

Software customization for different customers by using SQL language

[01/04/2023 - 01/12/2023]

Computer Vision Intern

IIT (Istituto Italiano di Tecnologia)

City: Genova | **Country:** Italy

I explored different self-supervised learning methods for computer vision and investigated their effectiveness in different downstream tasks using the transfer learning approach. I further investigated the use of diffusion models for tasks other than the generative task in which they are extensively used; in particular, I used diffusion models to predict the position of different clips on a video.

[10/09/2015 - 15/09/2022]

Math and Physics Tutor

Melograno

City: Genova | **Country:** Italy

I did homework support. I constructed concept maps to help with the consolidation of concepts. Finally, I helped several students with university entrance tests

EDUCATION AND TRAINING

[14/09/2021 - 15/12/2023]

Master's Degree in data science (curriculum: Machine Learning for Intelligent Systems)

University of Padua <https://datascience.math.unipd.it/>

City: Padova | **Country:** Italy

Final grade: 110 cum Laude | **Level in EQF:** EQF level 7 | **GPA:** 28.7

Thesis: Self-supervised learning: video clip order prediction with diffusion models
With my supervisor, I delved into self-supervised learning techniques in computer vision. I used the task of predicting the position of clips in a video, using diffusion models to predict the positions of clips. The learned representation was then tested in several downstream tasks following the transfer learning approach

- *Relevant courses:* Computer vision, deep learning, optimization for data science, big data, knowledge and data mining, statistical learning

- Different group/individual projects on Python language

[10/09/2019 - 14/07/2021]

Master's Degree in neuroscience and neuropsychological rehabilitation

University of Padua

City: Padova | **Country:** Italy

Final grade: 110 cum Laude | **Level in EQF:** EQF level 7 | **GPA:** 29.2

Thesis: The contribution of the visual and sensorimotor systems in the processing of

facial expressions: a systematic review.

With my supervisor, I performed a systematic review to investigate the role of facial expressions in processing facial expressions.

Relevant courses: affective neuroscience, structural and functional neuroimaging, Psychophysiology of cognitive and emotional processes

[01/10/2018 - 11/07/2021]

Bachelor's degree in psychology

University of Torino

City: Torino | **Country:** Italy

Final grade: 110 cum Laude | **Level in EQF:** EQF level 6 | **GPA:** 29.4

[15/09/2010 - 10/07/2015]

High School Diploma

Liceo Scientifico Luigi Lanfranchi

City: Genova | **Country:** Italy

Final grade: 100

SUMMER TRAINING SCHOOLS

VISMAC 2023: Summer school on machine learning in computer vision

City: Padova | **Country:** Italy

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

DIGITAL SKILLS

My Digital Skills

Microsoft Word, Database using Mysql and Sequel Server, Python (PyROOT, RDataFrame; ML: Keras, TensorFlow), Microsoft Excel / Microsoft(Microsoft Word, Microsoft PowerPoint, Microsoft Excel, R

HOBBIES AND INTERESTS

Volleyball, reading, trekking, foosball

VOLUNTEERING

[15/03/2022 - Current]

kennel volunteering Genova

[11/10/2023 - Current]

Volunteering in a community garden Genova

Il sottoscritto, consapevole che - ai sensi dell'art. 76 del D.P.R. 445/2000 - le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali, dichiara che le informazioni rispondono a verità.

Il sottoscritto in merito al trattamento dei dati personali esprime il proprio consenso al trattamento degli stessi nel rispetto delle finalità e modalità di cui al d.lgs. n. 196/2003.

Data e luogo 14/07/2026