MATTEO CAMPIRONI

Jr. Data Scientist

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EDUCATION

Master of Science in Data Science
Università degli studi di Milano-Bicocca

📅 2019 – 2021

- Thesis: *No-reference speech quality assessment*
- Grade obtained: **110/110 (with honors)**

Bachelor of Science in Mathematics
Università degli studi di Milano-Bicocca

📅 2015 – 2019

- Thesis: *The coupon collector's problem: theory and simulations*
- Grade obtained: **95/110**

Liceo Scientifico Opzione Scienze Applicate
IIS Altiero Spinelli

📅 2010 – 2015

- Grade obtained: **100/100**

EXPERIENCE

Internship at Imaging and Vision Laboratory
Imaging and Vision Laboratory

📅 september 2021 – march 2022

I was involved in studying and implementing state-of-the-art Deep Learning architectures for speech quality assessment using PyTorch. I also worked at my MSc thesis on audio quality.

University Projects

📅 2019 – 2021

I have completed numerous group projects in various fields, such as Deep Learning, Computer Vision, Natural Language Processing, Data Management and more, all available on Github.

VOLUNTEER EXPERIENCE

Passo Dopo Passo
Via Fogagnolo 96, Sesto San Giovanni

📅 2013 – 2015

- Middle school tutor.

SKILLS

Python   R   PyTorch   Tensorflow
Keras   Tableau   Git   OpenCV
MongoDB   SQL   Computer Vision
Deep Learning   Statistical Analysis

MAIN PROJECTS

Find That Look!
Computer Vision

Goal: retrieve the most similar clothes in our database based on an input picture given by an user.

Image auto-orientation
Computer Vision

Goal: automatically orient the input images by multiple angles of 90°.

Uno sguardo sull'Italia di Tokyo 2020
Data Management and Visualization

Goal: collect data using Tweepy and store it using MongoDB and Neo4J in order to visualize Italy in the Tokyo 2020 olympics.

DEMS Publications
Document clustering

Goal: cluster similar documents based on the abstracts and visualize them in an interactive 2D plane.

LANGUAGES

Italian (*Native*)   ●●●●●

English (*C1*)   ●●●●●

Spanish (*A2*)   ●◐○○○