



Mattia Rigioli

Data Scientist



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Garbagnate Milanese, Milan



ABOUT ME

My three words: organization, curiosity and constance. Graduated Data Scientist loving **Computer Vision** and **Machine Learning**. Crypto enthusiast, **scout leader**, passionate to **cyclism** and world citizen. I'm trying to leave the world a little bit better that I've found it ("Robert Baden Powell").

SKILLS

Python Programming	95%
Knowledge of Algorithms (CV & ML)	70%
Cloud Development (AWS & Azure)	70%
Big Data and Visualization	60%
English	50%



EDUCATION

2019-2021 Master Degree in Data Science

University of Milano Bicocca, from the basics to data science world. Score: **110/110 with honors**

2016-2019 Bachelor Degree in Statistics and Economics Sciences

University of Milano Bicocca, discovered the basics of statistics, economics and computer science. Score: **106/110**

2011-2016 Scientific High School opt. Applied Sciences

I.T.C.S. Primo Levi Bollate, discovered passion for science and found my study method. Score: **87/100**

EXPERIENCE

2020-Ongoing Accenture AI, Data Science Analyst

Working for a world company to bring data science to big clients.

2021-2021 Imaging and Vision Laboratory Unimib, Software Developer

Internship period where I worked on developing an application to automatically create video summaries.

2015-2019 Lifeguard and Swimming Instructor

Worked for multiple company as lifeguard (indoor and outdoor pool) and swimming instructor for guys.

SOFT SKILLS



Teamwork



Organization



Proactive



Speaking



Listening



Responsibility

SECTORS

Energy

Utilities

Communication
& Media

Health

Capital Markets

Industrial

HOBBY

I'm particularly passionate to sports; starting from motor sports, **cycling**, swimming and hiking. I also love camping and **travelling** around the world, with an adventure spirit and curiosity to find new inspirations.

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PROJECTS

Work

University

Personal

Master Thesis, Video Summarization

     CV, ML & Mobile

Analysis and implementation of video summarization algorithms. Development of a multiplatform mobile application (Kivy) to produce video storyboards, skimming and annotation of new videos.

Image Fraud Detection

     elastic  Computer Vision

Image fraud detection based on Azure and Elastic Cloud Framework for retrieve suspicious practices.

Image Personal Data Anonimization

    Azure Computer Vision

Cloud infrastructure for anonimization of personal data using computer vision models.

Notarization with Bitcoin and OpenTimestamps

  bitcoin Cybersecurity

An innovative way to temporally mark documents and texts.

Video/Scene Classification

   Computer Vision

Combination of Audio and Image Analysis for Video Classification.

Covid-19 Detection from Lung CT images

   ML & CV

Covid-19 Detection from Lung CT images with Machine Learning models.

Covid-19 Data Visualization & Mail Notification

  Data Visualization

Dashboard updated daily and mail notification with relevant data.

Tableau infographic: [https://public.tableau.com/profile/infografica.covid.19.italia#!/vizhome/Infografica Covid-19_15845411505550/Dashboard?publish=yes](https://public.tableau.com/profile/infografica.covid.19.italia#!/vizhome/Infografica%20Covid-19_15845411505550/Dashboard?publish=yes)

Welcome home with Raspberry

     Computer Vision

Computer vision algorithm that identifies my family members and greets them when they return home.

A2A Smart Bins Analysis

  Machine Learning

Prototype-based clustering and concrete applications of the results.

Covid-19 Sequences Classification

  Machine Learning

Classification of Covid-19 sequences from NCBI with ML-DSP.

COURSES



Market Analysis



Bitcoin and Blockchain Technology



Big Data in Healthcare



Cybersecurity



Data Management



Data Visualization



Decision Models



Digital Marketing



Digital Signal and Image Management



Econometrics



Foundations of Computer Science



Juridical and Social Issues in Information Society



Machine Learning



Macroeconomics & Microeconomics



Medical Imaging



Statistical Modeling



Time Series Analysis



Text Mining