






Marcello Emilio Pozzessere

 08/09/1996
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 Italian

Social Network

 marcello-emilio-pozzessere

Languages

	Italian	Native speaker
	English	Proficient (C1)
	French	School level
	Dutch	Beginner

Hobbies

Dinghy sailing
Board games and card games
Origami and paper craft
3D graphics (Blender)
Reading
Cooking

Personal profile

I am a very curious and inquisitive person who always enjoys exploring how things work and learning something new on the way. Through my studies and personal projects, I developed strong problem-solving and analytical skills, alongside solid technical abilities in data analysis and programming (Python and C++). Ideally, I would like to work in a research-focused role for a company that contributes positively to the world and society.

Education

- 2021 – 2025 **Master's in Physics and Astronomy** Radboud University
Specialization in Particle and Astrophysics
I leaned towards data science and computational methods with courses like Monte Carlo Techniques and Machine Learning for Particle Physics, using Python, TensorFlow, and C++.
Master Thesis
Grade: 8. My project was the analysis of prototype pixels for the new HGTD detector, which will be added to the ATLAS experiment at the LHC. Using a combination of Python and ROOT I wrote my own code for data analysis and visualization.
- 2015 – 2021 **Bachelor in Physics** Università degli Studi di Milano Bicocca
I always liked multidisciplinary, so I followed courses from very different fields of study like Mathematical Finance, and Networks and Operative Systems.
- 2009 – 2015 **Scientific High School Diploma** Liceo Scientifico Galileo Galilei
Science oriented High School with French as third language.
During my 4th year I spent 5 months in New Zealand as exchange student, hosted by a local family.

Working Experience

- 27 May – 3 June 2023 **Control room shifts** CERN
As part of my Master's thesis, I participated in the control room shifts for the HGTD Test Beam data taking at SPS (CERN). I actively helped look after the operation, adjust setups and update the activities' logbook.
- May – July 2021 **Internship** IMS Giotto
Brief internship at a company specialized in mammography and digital breast tomosynthesis.
I gathered and digitized data from quality tests and I performed some preliminary analysis.
- 2018 – 2022 **Private teacher** cooperative "il-Cubo"
I gave private lessons to several High School and Bachelor students on various scientific subjects (mainly Maths, Physics and Chemistry).