



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 works 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 <i>Specialization in Particle and Astrophysics</i>	Radboud University
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 multidisciplinarity, 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 4 th 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 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.	CERN
May – July 2021	Internship 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.	IMS Giotto
2018 – 2022	Private teacher I gave private lessons to several High School and Bachelor students on various scientific subjects (mainly Maths, Physics and Chemistry).	cooperative "il-Cubo"