

Luca Brocco

Data scientist, teacher

enrolled in:

LM-17 Physics of Data

Luca Brocco

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Python, Dask, Docker, SQL, R, Data Analysis and Visualization, Machine Learning, Teaching,

C1 CAE English level

Passions

I would like you to know about my passions first, since I think these are the things which best define who I am

Reading and writing

I am a strong reader (30 + books read per year). I usually read novels, but sometimes science and anthropology books catch my interest (such as Yuval Noah Harari's). I occasionally write short stories, some of them are collected in a book (La sottile differenza tra la spremuta e il succo d'arancia).

Music

I really enjoy music. I like listening to it, but also singing and playing instruments. I self-learned how to play the guitar and now (slowly) learning the piano. My level is good enough for meeting friends and playing along, just to have fun together.

Sports

I played football for a decade and was team captain and coach for 8-years-old kids for a brief period of time. Now I mostly dedicate myself to cycling, but I never turn down a game of football.

Games

I am really into table games, cards and videogames. My favourite brands are Pokémon, Yu-Gi-Oh! and Zelda.

Projects

I really enjoy making concrete things with my hands in my free time. At the moment I am trying to make a solar-alimented toy car with materials I found at home and a small electric circuit.

Present occupations

These are the occupations I dedicate myself the most

Student at LM-17 Physics Of Data (UniPd) (average grade of exams at present: 29.88/30).

During my Master's Degree I am enveloping skills all around Data, such as Data Management, Data Analysis, Statistics, Data Visualization and Machine Learning. Meanwhile I am improving my team work abilities, creative thinking and problem solving skills.

Volunteer for CUAMM, VIDES Veneto and Collaborazione Pastorale Altinate.

During my volunteering experience I was able to interact with a wide range of different people, improving my empathy, my sense of justice and collaborating with others for a common goal.

At CUAMM I am active as a sponsor for CUAMM activities in Africa from

2022. At VIDES I am active as an Italian teacher for foreign students and workers from 2022. At Collaborazione Pastorale Altinate I am active as GrEst (Estive Group) organizer, animator and educator from 2019.

Private teacher for University and High School students.

As a teacher I learned the art of teaching: how to be engaging and appealing and how to effectively communicate hard topics. I teach privately from 2020.

Past occupations

Job positions I occupied in past

Stage @ UniPr

(Aug. 2025 - Oct. 2025, Parma)

During my stage I was able to perform high level data analysis and simulations to predict the impact of vector-born disease in Italy in the next century. Here you can see my [presentation](#)

Teacher at Liceo Levi

(Feb. 2025, Montebelluna)

During my teaching experience I was able to envelop creative teaching techniques, as well as effective communication, adaptability and improvisation.

Sales assistant at Underpressure s.r.l.

(Jul. 2022 - Jul. 2023, Italy)

During my experience as a sales assistant I was able to experience a high demanding work environment, and improved my multitasking and performance under stress.

Education

Bachelor's Degree in Physics (LT-30 Fisica)

(Oct. 2021 - Dec. 2024, University of Padua)

During my Bachelor's I was able to learn more about main classical and theoretical Physics topics, other than Advanced Mathematics. In addition to that, I was able to work with Data, enveloping basic Data skills and achieving efficient team work for a common goal.

High school diploma, Liceo Scientifico "L. da Vinci" (Jun. 2021, Treviso)