



Livia Carrarini

ABOUT ME

I am a MSc in Applied Mathematics.
At the moment, I want to grow experience and skills to face the innovation in technology.

WORK EXPERIENCE

[2017 – Current] **Private Lessons in Mathematics and Physics**

Main activities and responsibilities:

I have given private lessons in Mathematics and Physics since 2017 to middle and high-schoolers.

EDUCATION AND TRAINING

[2022 – 2022] **School in AI: Deep Learning, Vision and Language for Industry**

Università degli Studi di Modena e Reggio Emilia

National classification: Advanced Training Course

Main subject / occupational skills covered:

In collaboration with AiAcademy, AlmageLab, Artificial Intelligence Research and Innovation Center, the School in AI has introduced me to the world of AI, Deep Learning, Computer Vision and their newest perspectives in both Research and Development and industry. The experience has been enlightening, and it has invited me to think strongly to a future in the field of innovation and digital transformation.

[2021 – Current] **Master Degree in Applied Mathematics**

Sapienza Università di Roma - Faculty of Mathematical, Physical and Natural Sciences

Level in EQF: EQF level 7

Main subject / occupational skills covered:

General skills: logic and problem solving, creativity, organization, resilience, receptiveness.

Professional skills: Coding in Matlab, theory of computational complexity and approximation algorithms, high math knowledge.

[2018 – 21/07/2021] **Bachelor's Degree in Mathematics**

Sapienza Università di Roma - Faculty of Mathematical, Physical and Natural Sciences

Final grade: 110/110 cum laude **Level in EQF:** EQF level 6

Thesis: The Fisher-KPP equation

Main subject / occupational skills covered:

Professional skills: coding in C, Haskell, computational thinking.

Personal growth: stress management, capacity to work in a heterogeneous team.

[2018] **Secondary School Diploma**

Liceo Scientifico Lazzaro Spallanzani

Final grade: 100/100 cum Laude

National classification: Scientific High School

COMMUNICATION AND INTERPERSONAL SKILLS

Communication skills

Strong communication skills and collaborative mindset. Many years of tutoring, as well as a challenging degree enhanced my cooperative spirit.

Organisational / managerial skills

I have a very good capacity to manage stress and the tendency to plunge into demanding tasks rather than avoid them. Indeed, for the degree I chose it has been necessary to plan and adapt a number of strategies to deal with different challenges.

Other Skills

During my teenage years I had many creative hobbies, such as pencil drawing - in particular hyperrealistic portraits - and music. I'm genuinely an active person: I practised karate for many years to the black belt degree, and I like as well skiing. Right now I like spending my free time running and going sightseeing.

DIGITAL SKILLS

Office Automation

Microsoft Word | Microsoft Powerpoint

Programming Languages

C | MATLAB | Python | C++

Google Tools

Google Drive | Google Docs | Keep

Graphic Tools

Inkscape, Gimp

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

DRIVING LICENCE

Cars: B

19 luglio 2022

Signature L. Carrarini