Davide Paolino

M.Sc. Physics of Complex Systems

BIRTH: Italy, 15 October 2001
CURRENT CITY: Torino, Italy
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EDUCATION

SEP 2023 - PRESENT — **Master of Science in Physics Of Complex Systems** / Politecnico di Torino, International Track

Ongoing

This international track includes a semester in Trieste at SISSA and ICTP, a semester in Turin at Politecnico di Torino and one in Paris at Sorbonne Université, Université Paris-Saclay and Université Paris Cité.

JUL 2020 - SEP 2023 — **Bachelor Degree in Physical Engineering** / Politecnico di Torino

Final Grade 107/110, Thesis "Monte Carlo Simulations of 2D Ising Model"

The bachelor experience in Engineering provided me with tools in coding, signal analysis, solid state physics and experimental techniques that I like to apply to different fields.

2020 — **Maturità Scientifica** / I.I.S. Copernico-Luxemburg, Torino

Final Grade 100/100

My high school experience helped me develop my passions towards mathematics and physics, but most importantly humanistics subjects contributed to the open-mindedness that characterizes me.

WORK EXPERIENCE

SEP 2022 - PRESENT — **Teaching Tutor** / Politecnico di Torino

Courses: Mathematical Analysis I, Physics I

This experience consisted in helping first-year students with frontal exercise sessions regarding two of the most challenging courses recognized as significant hurdles at Politecnico. It helped me develop my skills in public speaking and reinforce my love for teaching and helping others.

2018 - PRESENT — **Voluntary Work** / Torino

During the years I've gathered hundreds of hours in close contact with people and children as a volunteer and an entertainer. This helped me learn new skills about team working, problem solving and empathy.

LANGUAGES

ITALIAN Mother Tongue
FRENCH Currently learning
ENGLISH Level C1 (Proficient User)

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

OTHER SKILLS

CODING: While I use **Python** everyday for numerical simulations and independent projects, during my career I've learned different Languages and Software Tools such as Java, Matlab, LaTeX, HTML.