

ADALBERTO VALSECCHI

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EDUCATION

Università degli Studi di Milano, Milan, Italy
Master's degree in Physics

February 2020 - Present

Università degli Studi di Milano, Milan, Italy
Bachelor's degree in Physics

October 2015 - April 2019
(Final grade: 110/110 cum laude)

Liceo Scientifico Carlo Donegani, Sondrio, Italy
Scientific High School

September 2010 - July 2015

INTERESTS

I am interested in statistical physics and its interdisciplinary applications, e.g. in Computer Science, in Biology and in Linguistics. I am also fascinated by theoretical physics.

ACADEMIC EXPERIENCE

Università Degli Studi di Milano

- My final thesis project consisted of a study on artificial neural networks with a computational approach based on statistical mechanics. Title: "Statistical physics of latent representations in machine learning".

LCM – Laboratorio di Calcolo e Multimedia

October 2015 - June 2019

- I attended several lectures on various topics in IT: LaTeX, Python, R, GNU Octave, Shell scripting.

PROFESSIONAL EXPERIENCE

Private tutor for High/Middle School students
Physics and Mathematics

November 2018 - September 2019

College Counselor for High School students

January 2016 - January 2017

- I volunteered as a Student Counselor inspiring High School students to undertake a degree in Physics. This included one-to-one consultation and public speaking.

LANGUAGES

Italian Native speaker
English Fluent (C1, IELTS Score: 8.0)
French Conversational

TECHNICAL SKILLS

Computer Languages	Phyton, C++, Mathematica, Shell scripting
Python Libraries	Pytorch, TensorFlow, NumPy, Pandas, Matplotlib
C++ Libraries	ROOT, Boost
Tools	LaTeX, Jupyter Notebook, Microsoft Office Suite

HOBBIES

I play saxophone in a electronic-jazzy band (72-Hour Post Fight).