

# Curriculum Vitae

Name **Mattia Greco**

## WORK EXPERIENCE

2023 (October – Present)

### Teacher Assistant

I am assisting professor Flavio D'Alessandro in the course of 'Istituzioni di Matematiche' for the bachelor degree in 'Tecnologie per la Conservazione ed il Restauro dei Beni Culturali' and 'Geologia'. I teach (75 hours) exercises of calculus.

2023 (July to October)

### Summer Internship at IPS2 "Institut des Sciences des Plantes de Paris Saclay"

I have worked with professor Olivier Martin on gene regulatory networks on a project titled "Integrating priors based on ChIP-seq and DAP-seq data when inferring causal genetic regulations from gene expression time series".

2023 (February to June)

### Teacher Assistant

I have assisted professor Irene di Palma in the course of 'Fisica' for the bachelor degree in 'Tecnologie per la Conservazione ed il Restauro dei Beni Culturali'. I teach (75 hours) exercises of mechanics, thermodynamics, electromagnetism.

2022-2023

### "Borse di Collaborazione per Studenti, Sapienza"

I have worked for Sapienza in helping and assisting bachelor students in didactic laboratories with experiments of classical physics (mechanics, thermodynamics, electromagnetism and optics). (150 hours)

2018-Present

### Tutor

I have been tutoring many students from middle school and high school, mainly helping them with Maths, Physics and English.

2015-2016

### Helper in "Creative English English Summer Camp" in Istituto Sant'Ivo, Rome.

The job consisted in creating activities for Italian kids (all the way from 5 to 13 years old) in English, in order to help them get a more intuitive sense of the language.

## EDUCATION AND TRAINING

2023

### BIP CIVIS course 'Molecular Scale Biophysics'

I have participated in the course 'Molecular Scale Biophysics' and I have attended a summer school in the Aix-Marseille University (12-16 June) at the MOSBRI infrastructure of CNRS. The work has focused on the use of biophysica techniques to study the structure (FTIR, EPR) and interaction (EPR, Calorimetry, Fluorimetry, Kinetics) of proteins.

2022-Present

### Masters degree in Physics, Università La Sapienza

I am currently pursuing a Master in theoretical physics.

### Bachelor degree in Physics, Università La Sapienza

2019-2022

Grade: 110/110 cum laude;

Title of the thesis: "Brownian motion in the theory of stochastic processes";

Academic advisor: prof. Luca Leuzzi.

2018

**Certificate of Advanced English (CAE, C1 European level)**

2017-2018

**Model United Nation's Delegate**

I have participated in three international MUN conferences: OLMUN (2017) in Oldenburg, Germany; DAIMUN (2017) in Mumbai, India (awarded with the honour of "Outstanding delegate"); MUNOL (2018) in Bucharest, Romania. This experience really helped me develop my abilities of public speaking and critical thinking, while also greatly improving my English.

2014-2019

**High school diploma "Maturità Classica"**

Completed in June of 2019 with grade 100/100 in "Liceo Classico Luciano Manara", Rome. "Liceo Classico" in Italy focuses mostly on the study of ancient Latin and Greek classics. This broadens students' perspectives on their cultural heritage and creates a more complete framework for logic and coherent thought.

**PERSONAL SKILLS****Mother tongue**

Italian

**Other languages**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Cambridge Advanced Certificate (C1)					
French	B1	B1	A2	A2	A1

**Computer skills**

I have experience coding in: C (advanced), C++ (beginner) and Python (advanced) for data analysis (numpy, pandas, matplotlib) and Machine Learning (sklearn, pytorch, tensorflow, keras). I have also experience using Microsoft softwares such as Word and Excel.

Ai fini della pubblicazione 18/01/2024

F.to Mattia Greco