### Curriculum Vitae

## PERSONAL INFORMATION Mattia Greco

#### WORK EXPERIENCE

## 2023 Summer Internship at INRAE "Institut des Sciences des Plantes de Paris Saclay"

I am going to be working 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 physcs (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**

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#### 2023 BIP CIVIS course 'Molecular Scale Biophysics'

I have partecipated 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 tecniques 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.

#### 2019-2022

## Bachelor degree in Physics, Università La Sapienza

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		
C1	C1	C1	C1	C1	
	Cambridge Advanced Certificate (C1)				
A1	A2	A2	A2	A2	

English

French

#### CLA Test for Erasmus+

Communication skills

Good communication skills acquired mostly thanks to my MUN experience.

Computer skills

I have experience coding in: C (intermediate), 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.

04/07/2023

F.to M. Greco

Ai fini della pubblicazione