



Simone Serra

ABOUT ME

Graduated in physics, currently pursuing a Master's degree in Experimental Physics of Fundamental Interactions. Extensive experience teaching both individual students and groups

WORK EXPERIENCE

[10/05/2023 – Current]

Physics Tutor

Camplus Roma Pietralata

City: Rome | **Country:** Italy

Personalized tutoring to undergraduate students from several universities and fields of study, in both italian and english, in:

- Statistical, Quantum, Relativistic, Analytical and Classical Mechanics
- Electromagnetism and Circuits
- Analysis 1 and Vector Analysis
- Linear Algebra
- Fundamentals of C, C++ and python programming
- Medical Physics
- Probability and Statistics
- Nuclear Physics
- Preparation to CISIA entry tests

[20/03/2023 – 16/07/2023]

Physics teacher

Camplus Roma Pietralata

City: Rome | **Country:** Italy

- Daily physics lessons to a group of 31 international students, covering essential topics for entrance exams to Italian universities in Physics, Engineering, and Medicine, including Classical Mechanics (material point and rigid body), Fluid Mechanics (statics and dynamics), Electromagnetism, and Circuits
- Developing of mock entrance exams to assess students' progress
- Organization of intercultural activities to foster an inclusive and collaborative learning environment

[14/09/2020 – 01/11/2021]

Scholarship Holder

Sapienza Università di Roma

City: Rome | **Country:** Italy

- Welcoming, orientation, informational, and support services for teaching activities within the scientific faculties of Sapienza University, conducted through the SOrT support service.

EDUCATION AND TRAINING

[2018 – 2021]

Bachelor Degree in Physics achieved with a grade of 109/110 *Sapienza Università di Roma*

<https://www.phys.uniroma1.it/fisica/> **City:** Rome | **Country:** Italy |

[2013 – 2018]

High School Diploma achieved with a grade of 100/100

LANGUAGE SKILLS

City: Rome | **Country:** Italy |

Mother tongue(s): Italian

Other language(s):

English

LISTENING C1 **READING** C1 **WRITING** C1

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Spanish

LISTENING B1 **READING** B1 **WRITING** B1

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

My Digital Skills

Programming with Python | Programming with C | GEANT4 (base) | LaTeX (very good) | Programming with R

HONOURS AND AWARDS

First place at the regional team problem solving Olympis during the 2014/2015 school year representing the Vittoria Colonna High School.

Awarding institution: OPS (Olimpiadi del Problem Solving)

COMMUNICATION AND INTERPERSONAL SKILLS

Good public speaking and interaction skills with individuals or groups of students acquired while working as physics teacher.

Ai fini della pubblicazione