Simone Canevari

MSc in Physics - Applied and Nuclear Physics

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Professional Summary

Applied Physics MSc graduate from the University of Pavia with a strong background in science education, data analysis, and problem solving. Passionate about applied and nuclear physics, particularly in biomedical, industrial, and environmental applications. Open to international experience and interdisciplinary collaboration.

Education

2023 – 2025 **MSc in Physics**, *University of Pavia*, Italy
Specialization in Applied and Nuclear Physics
Thesis: *"Understanding and Classifying Domestic Microplastics through Raman Spectroscopy and Machine Learning"*
Supervisors: Prof. Pietro Galinetto & Claudio Cusano

2018 – 2023 **BSc in Physics**, *University of Pavia*, Italy
Thesis: *"Radiocarbon dating via 14C and comparison with other methods (thermoluminescence)"*
Supervisor: Prof. Paola Salvini

Work Experience

Jan 2023 – Jun 2023
Jan 2024 – Feb 2024

High School Physics And Math Teacher (Theory and Practice), *Liceo Scientifico G. Cardano & Liceo Scientifico N. Copernico, Pavia*, Italy

- Planned and delivered individual and group physics lessons for high school students
- Designed support activities for students with learning disabilities (DSA)
- Applied educational models focused on problem-solving and goal-oriented learning

Skills

Programming Python, C++, HTML, CSS, Microsoft Office tools

Data Modeling Machine Learning and Data Analysis

Languages Italian (native), English (B2 CEFR in all skills), Spanish (base).

Hobbies and Interests

Creative Writing and designing collaborative role-playing campaigns (Dungeons& Dragons), both as player and game master

Music Electric guitar both solo and in band

Teamwork Board games and cooperative projects

Well-being Jogging, training, and home cooking