



GRETA FIRENZE

Currently in my second year of my PhD, that consists of a joint project between LP2N in Bordeaux and the company Exail.

WORK EXPERIENCES

● PhD student

LP2N/Exail

September 2024 - present

The main topic of my thesis is to study the systematic effects on the gravity gradient measured by the Exail gradiometer (DQG).

● QPU Performance Engineer

PASQAL

December 2023 - May 2024

I was part of the Team System in which we dealt with the characterization and optimization of the QPU, that controls neutral atoms with optical tweezers, using laser light to manipulate quantum registers.

● Intern

PASQAL

June 2023 - December 2023

● Physics Academic Tutor

Università degli Studi di Milano

May 2022 - February 2023

● Teaching Assistant (Data Modelling Lab)

Università degli Studi di Milano

October 2021 - January 2022

EDUCATION

Master's Degrees in Physics

Università degli Studi di Milano

October 2021 - April 2024 (final grade: 110/110 cum laude)

Thesis title: Development of experimental setups for quantum computing with neutral atoms

Main fields of study:

- Quantum Information
- Quantum Computing
- Quantum Optics
- Quantum Open Systems

Bachelor's Degree in Physics

Università degli Studi di Genova

October 2017 - March 2021

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LANGUAGES

- English - Full Professional proficiency
- French - Conversational proficiency
- Italian - mother tongue

SKILLS

- Microsoft Office
- LaTeX
- Python
- GitHub

EVENTS

- Exhibition guide at Italian Quantum Weeks 2023
- Exhibition guide at Italian Quantum Weeks 2022
- Scientific Animator at Festival della Scienza 2019