

LUCA NIGRO

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M.Sc. student of **Physics** specialized on Quantum Technologies. Solid skills of **problem solving**, I feel comfortable (hands on) with **big data analysis** (fitting and statistical testing) and **mathematical modeling**, mainly in Python and C++.

Seeking to improve both as a person and worker, always with **curiosity and creativity**.

EDUCATION

Master of Science in PHYSICS

curriculum in Quantum Technologies

October 2020 - present

University of Milan

Bachelor Degree in PHYSICS

99/110

October 2016 - September 2020

University of Milan-Bicocca

Science High School Diploma

Musical experimentation

July 2016

Scientific H.S. "G. Casiraghi"

RELEVANT COURSEWORK

- Physically Based Raytracing
- Machine Learning
- Quantum Information
- Quantum Optics (+ Lab)
- Deep Learning
- Quantum Computing

ABROAD EXPERIENCE

Erasmus

Fall semester

August 2022 - January 2023

University of Oslo, Norway

4EU+ Summerschool

Quantum Mechanics from Condensed Matter to Computing

June 2022

Copenhagen, Denmark

Mission of Allipalli

Humanitarian Volunteer

August 2018

Allipalli, AP, India

Exchange Program

Junior Year of High School

July 2014 - May 2015

Mt. Erie, IL, USA

PROJECTS

Physically Based Raytracer | C++, CMake, Git, GitHub

- Here the [GitHub repo](#).

August 2021

LANGUAGES

Italian

Native

English

C1

TECHNICAL SKILLS

Languages: C, C++, Python.

Developer Tools: Git, GitHub, VS Code, Vim, CMake.

OS: macOS, Linux, Windows.

Other: MS Office, \LaTeX , Markdown, Photoshop, Lightroom, Blender.

PERSONAL INTERESTS

Music

Instrument (piano & saxophone) and theory lessons

2009 - 2019

Civica Scuola di Musica "S. Licitra"

Photography

Portraits in studio with flash

May 2019

Apromastore