
Lorenzo Zaffina

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Citizenship: Italian

GitHub: <https://github.com/zaffo1>

Birth date: 12/07/2001

Education

University of Pisa

Pisa, Italy

2022 – Present

Master's degree in Physics
- Physics of Complex Systems curriculum

University of Pisa

Pisa, Italy

2019 - 2022

Bachelor's degree in Physics
Grade: 110/110 cum laude

Liceo Scientifico G. Galilei

Lamezia Terme, Italy

2013 – 2019

High School Diploma (scientific studies)
Grade: 100/100 cum laude

Languages

- Italian (mother tongue)
- English (fluent: Cambridge Certificate of Proficiency in English, CEFR C2)
- French (basic: DELF A2)
- German (basic, no certificate)

Computer Skills

- Proficient in: Python (NumPy, Matplotlib, SciPy), \LaTeX , Office
- Familiar with: MATLAB, Bash, C, Git, Linux, Root, Arduino IDE
- ECDL Full Standard Certificate, including the modules:
 - Computer Essentials
 - Online Essentials
 - Word Processing
 - Spreadsheets
 - Presentation
 - Online Collaboration
 - IT Security - *Specialised Level*

Work Experience

- 2020 - Experience online teaching mathematics and physics to high school students.

Volunteer Work

- 2017, 2018, 2021 - Three years of experience in the team of volunteers of *Trame Festival*, a cultural event taking place in my hometown, Lamezia Terme. I was part of the editorial staff for two years and wrote articles for the newspaper of the festival. An article I'm proud of can be found [here](#).

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- 2017, 2018 - Participation in the project [#ioleggoperché](#), which aims to promote reading in schools, encouraging donations to local school libraries.
 - 2016 - Participation, as an *Helper*, in the English Summer Camp "City Camp" organised by ACLE in my hometown.

Physics Schools

- August 2022, Roscoff - Plas@Par Summer School 2022 - Discover plasmas: from the laboratory to the distant universe.
- April 2022, Trento - Spring School Q@TN - Quantum Science and Technologies at Trento.

Other Experiences

- 2019 - Participation in the 15th edition of "[International Masterclasses - Hands on Particle Physics](#)", at Università della Calabria.
- 2018 - Participation in "[Scuola di Orientamento Universitario](#)", hosted by the University School for Advanced Studies IUSS Pavia.

Physics Olympiad

- 2018 - Italian Physics Olympiad: winner of the school phase and participation in the regional phase.
- 2017 - Italian Physics Olympiad: participation in the school phase.

Math Games of Università Bocconi

- 2019 - 3rd place in the local semifinal of "*Campionati Internazionali di Giochi matematici*".
- 2015 - Participation in the school phase of "*Giochi D'autunno*".
- Participation in the Italian Final after the local semifinal of "*Campionati Internazionali di Giochi matematici*".
- 2014 - Participation in the local semifinal of "*Campionati Internazionali di Giochi matematici*".
- 2013 - Participation in the local semifinal of "*Campionati Internazionali di Giochi matematici*".
- 2012 - First place in the school phase of "*Giochi D'autunno*".
- Participation in the Italian Final after the local semifinal of "*Campionati Internazionali di Giochi matematici*".