

Giovanni Ferrami

BORN ON 16/07/1997 IN MANERBIO (BS), ITALY

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Education

Università degli Studi di Milano

M.Sc. IN PHYSICS - ASTROPHYSICS TRACK

- GPA: 29.1/30 | equivalent to 3.9/4.0
- Final grade: 110/110 cum laude
- Thesis: 'Rotation and state of relaxation of the galactic component of the clusters of galaxies Abell S1063 and MACS J1206'

Milan, Italy

October 2019 - October 2021

Università degli Studi di Milano

B.Sc. IN PHYSICS

- GPA: 27.6/30 | equivalent to 3.68/4.0
- Thesis: 'Strong gravitational lensing analysis of the system SDSS J2222+2745'

Milan, Italy

October 2016 - October 2019

Liceo Scientifico Aselli

HIGH SCHOOL DIPLOMA

- Final grade: 100/100

Cremona, Italy

September 2011 - July 2016

Additional Education

Collegio di Milano

RESIDENT STUDENT

- **College of Merit** that provides students with a complementary and compulsory path of higher education made of seminars, workshops and project-works with partner companies. The structure promotes cultural exchange, hosting more than 20% of international students.
- **Project Work with EDISON**: Digital game design aimed to increase education and awareness about energy among younger people.
- **Elected Student Representative** for Academic Year 2018/2019

Milan, Italy

September 2016 - July 2021

Gravitational Lensing Journal Club

PARTICIPANT

- **Active participation** in a biweekly journal club about current research topic in strong gravitational lensing and associated themes. Hosted by prof. C.Grillo group and held in English.

Milan, Italy

Winter 2020 - October 2021

The Future Makers - BCG

SELECTED PARTICIPANT

- **Selected on a merit-based process** (100 students in Italy) for this four-days workshop held at Boston Consulting Group HQ in Milan about global trends, digital development, leadership, geopolitics, future and social issues with top managers, CEOs, IT experts, directors of non profit organizations, BCG Senior Partners and consultants..

Milan, Italy

November 2021

Scuola Normale Superiore di Pisa

STUDY ADVISORY PROGRAM

- **Merit award admission** to the 87th edition of the program 'Scuola di Orientamento Universitario' promoted by SNS

Pisa, Italy

July 2015

Skills

Main fields of interest

Theoretical and Computational Astrophysics, Applied Math.

Programming

- **C++** : Good knowledge of the language, used for modeling physical problems through efficient simulations.
- **Python** : Good knowledge of the language. Experience with libraries for data manipulation, data analysis.
- **Unix/Linux shell** : Intermediate. Experience in jobs management through SSH.

Languages

Italian (Native), English (fluent) - TOEFL iBT score: 102/120

Extracurricular Activities

- I am a **music** lover and **guitar** player. I took weekly classes from the age of 11 to 18. I have played in an ensemble of classical guitars and in many bands with different genres. As I began to attend university, I kept playing on my own, and music is still a crucial part of my life.
- I have been playing **basketball** from the age of 7 until 18.
- I have been **volunteering** weekly in multiple local associations in my hometown. I have participated and **coordinated** recreation activities for children, food and essential goods donations and sport tournaments. In Milan I have been giving free private lessons in Math and Physics to high school students coming from a low socio-economic background through the Portofranco association.