

CHIARA CATALANO



PROFILE SUMMARY

I am a young mathematician eager to grow in the field of research. Studying mathematics has given me the opportunity to develop a rational and critical approach, which I wish to apply across multiple fields. I have always been fascinated by the biomedical world and aim to strengthen my computational skills to contribute to research teams working to improve and optimize healthcare systems.

EXPERIENCES

Alumna of Ghislieri College

Merit-based residential college affiliated with the University of Pavia

📅 September 2022 - Ongoing 📍 Pavia, Italy

Ghislieri College is a merit-based university college offering advanced academic training. In addition to academic excellence, it requires sustained commitment and a strong work ethic.

- I attended several extracurricular courses, including Public Speaking, English and Spanish, Python, and Time Management.
- I took part in science workshops organized for children and school groups in the spring.
- The college regularly hosts conferences and seminars, which I attend.
- Active involvement in orientation initiatives and in the college community.

Science and Technology Student

IUSS School for Advanced Studies

📅 2022 - Ongoing 📍 Pavia, Italy

The IUSS University School of Pavia is a public higher education institution of advanced studies, internationally recognized for academic excellence and unique in Lombardy, Italy.

- I attended many interdisciplinary courses that integrated chemistry, physics, mathematics, engineering, and neuroscience. Among them, I was able to explore my interest in computer science through courses such as Machine Learning in Healthcare, Laboratory of Machine Learning for the Empirical Sciences, and Statistical Methods and Machine Learning for Big Data Analysis.

Booking Office and Social Media Assistant

Majellando, Tour Operator

📅 Summer 2021 📍 Abruzzo, Italy

- I took care of clients' requests, managing reservations for the touristic activities.
- I was in charge of advertising activities by posting on Instagram and Facebook pages.
- I learned cooperation and how to work in a team.

EDUCATION

Master's degree in Applied Mathematics, University of Pavia

📅 2025 - Ongoing 📍 Pavia, Italy

Bachelor and Master's diploma at the IUSS School for Advanced Studies

📅 2022 - Ongoing 📍 Pavia, Italy

Bachelor's degree in Mathematics, University of Pavia

📅 2022-2025 📍 Pavia, Italy

Graduated with honours

Scientific High School

📅 2017-2022 📍 Chieti, Italy

Graduated with honours

TECHNICAL SKILLS

Strategy Data Science Cooperation

Machine Learning Problem Solving

Python R fundamentals Matlab

LaTeX

LANGUAGES

Italian - Native

Spanish - B1

English - C1



INTERESTS

Sports

Salsa & Bachata dance

Poetry

CERTIFICATES

- IELTS English Certification level C1
- DELE Certificación de calificación de español Nivel B1