# FEDERICO CARETTI

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## EDUCATION

**Scuola Internazionale di Studi Superiori Avanzati (SISSA)**      *October 2022 - Present*
Ph.D. Student in Theoretical and Scientific Data Science
Supervised by G. Sanguinetti

**University of Turin**      *September 2020 - Present*
Master's degree in Physics of Complex Systems      Final grade: 110L/110 with honors
Student Representative
Relevant elective courses: Neural Networks, Data Mining, Complex Systems in Biology
Master thesis on Neural Networks' theory, supervised by S. Goldt (SISSA)

**Scuola degli Studi Superiori di Torino "Ferdinando Rossi"**      *December 2017 - Present*
Class of Government and Natural Sciences
Relevant elective courses: Artificial Intelligence, Complex Systems, Elements of Game Theory

**University of Turin**      *October 2017 - July 2020*
Bachelor's degree in Physics      Final grade: 110/110

## AWARDS

Full Scholarship by SSST

Alfaclass Summer School of Mathematics: participant in the 2018 edition, winner of the individual competition and member of the winning team of the team competition https://alfaclass.i-learn.unito.it/

Italian Mathematical Olympiads: finalist in the individual competition in 2016; bronze medal in the individual competition in 2017; finalist in the team competition as member of the team of "Liceo Scientifico Galileo Galilei" (AL) in 2014 and 2017

## OTHER EXPERIENCES

Coach of the Mathematical Olympiads team of "Liceo Scientifico Sobrero" (AL) in 2017/2018 through Mathesis Association

Mentee at LeadTheFuture, a leading mentorship non-profit organisation for students in STEM, with acceptance rate below 20%

## LANGUAGES

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|---|---|
| Italian | Mother Tongue |
| English | IELTS band 8.0 |