Elisa Trasatti

Education

2023 – 2025
Rome - Italy

M.Sc. in Applied Mathematics, curriculum Data Science, 110 cum laude/110
La Sapienza – Università di Roma
- Master degree course focusing on operation research, artificial intelligence algorithms, big data analysis, numerical analysis, probabilistic and statistical mathematical methods. Acquisition of team working, individual research and computer programming skills
- Master's thesis to be defended in July 2025 in Operations Research (supervisor : Prof. Marco Sciandrone) « Metodi di ottimizzazione su manifold per il modello XY random field» (« Optimization methods on manifolds for the XY random model »)

2020 - 2023
Rome - Italy

B.Sc. in Mathematics, 110/110
La Sapienza – Università di Roma
- Highlight courses : Mathematical Analysis, Algebra, Geometry, Probability, Computational and Programming Laboratory, General Physics, Mathematical Physics, Optimization and Differential Equations
- Bachelor's thesis in Numerical Analysis (supervisor : Prof. Silvia Noschese) « Localizzazione degli autovalori e sensibilità a parturbazioni della matrice» (« Eigenvalue localization and sensitivity to matrix perturbations »)

2015-2020
Rome - Italy

Liceo Scientifico Diploma, 100 cum laude/100
Liceo Scientifico Statale Stanislao Cannizzaro

Work Experience

February-May 2025 : **Department of Mathematics, La Sapienza – Università di Roma**
Student-collaboration scholarships « Progetto Compiti@Casa » - 10 hours of training and 60 hours of academic tutoring in scientific subjects for middle school students

January-April 2025 : **Department of Mathematics, La Sapienza – Università di Roma**
Student-collaboration scholarships at the Library of the Department of Mathematics

Certifications

- **Honours Programme in Applied Mathematics**, La Sapienza – Università di Roma   (Academic Year 2024–2025)

- **IELTS Certificate in English - Level C1** (2023)

- **Diplôme d'études en langue française** (DELF) – Level A2 (2015)
  (Common European Framework of Reference for Languages)

Skills

Languages:	**Italian:** Mother tongue **English:** Advanced **French**: Basic
Software:	Indipendent user of **MS Office suite** (Word, Excel, Powerpoint) to produce documents, technical reports, notices, etc. Programming languages : **C, C++, MATLAB**, **R**, **Python** and **LaTeX**