

Curriculum Vitae – Fall 2025

Family name: **Leone**

Given name: **Paola**

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Qualifications

- **Ph.D. student in Statistics and Computer Science** - Bocconi University – 09/2025 - 09/2029 (expected). Supervisor: Professor Francesca Buffa
- **M.Sc. in Stochastics and Data Science** - Università degli studi di Torino – 09/2022 - 10/2025. Thesis title: “Comparative Analysis of Particle Swarm Optimization and Consensus-Based Optimization with Polarization Extensions”, Supervisor: Professor Francesca Romana Crucinio
- **B.Sc. in Mathematics for finance and insurance** - Università degli studi di Torino – 09/2019 - 07/2022. Thesis title: “Markov processes: properties and generalizations”, Supervisor: Bruno Toaldo

Research Interests

Computational biology, Machine learning, Mathematical modeling of diseases.

Work Experience

- **Undergraduate Intern in Computational Biology** - Human Technopole - 01/2024 - 07/2024. Supervisor: Andrea Sottoriva, Ph.D.
- **Coordinator of the “Buddy Program”** - Università degli studi di Torino - Scuola di Scienze della Natura - 10/2022 - 10/2023

Language Skills

- *Italian*: native
- *English*: C2 CEFR level

IT Skills

- *Programming languages*: C++, Python, R
- *Database management*: SQL
- *Document production*: Latex
- *Proficient in Microsoft Office Suite*