

Luca Lamperti

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Date of birth: 28/10/2002 Nationality: Italian

ABOUT ME

I am enrolled in the EUMaster4HPC double degree program, pursuing a Master's in High-Performance Computing Engineering at Politecnico di Milano and in Computational Science at Università della Svizzera italiana. I have a solid background in mathematics and computer science, with a strong interest in scientific computing and its applications in bioinformatics, computational biology, and medical technologies. My international academic path allows me to combine advanced high-performance computing methods with interdisciplinary approaches to address complex scientific and technological challenges.

EDUCATION AND TRAINING

[2021 – 2024] **Bachelor's degree, Engineering of Computing Systems**
Politecnico di Milano
City: Milan | Country: Italy |

[2024 – Current] **Master's degree, High Performance Computing Engineering**
Politecnico di Milano
City: Milan | Country: Italy |

[2024 – Current] **Master's degree, Computational Science**
USI
City: Lugano | Country: Switzerland |

SKILLS

Bioinformatics and Computational Biology

Computer Science
c++ | MPI | OpenMP | Software Engineering | Python

Mathematics
Numerical Analysis | Applied Statistics | Numerical methods for PDE | Numerical Linear Algebra

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C1 **READING** C1 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

HONOURS AND AWARDS

[01/2023] **Top Freshmen Awarding institution:** Politecnico di Milano

The award is intended for second-year students enrolled in degree programs at Politecnico di Milano. It is granted in recognition of outstanding achievements during their first academic year, based on their grade point average and the number of earned university credits (ECTS).

EUMaster4HPC – European Master for High Performance Computing (Double Degree Program)

Awarding institution: EuroHPC Joint Undertaking

Selected as one of the few students for the prestigious European double degree program in High-Performance Computing, jointly held at Politecnico di Milano and Università della Svizzera italiana. Awarded a full scholarship funded by the EuroHPC Joint Undertaking.