Luca Lamperti

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

LINKEDIN GITHUB

ABOUT ME

Dual Master's student in High-Performance Computing Engineering at Politecnico di Milano & USI Università della Svizzera italiana, with a strong focus on parallel computing, quantum computing and data-intensive systems.
Passionate about solving complex real-world challenges through cutting-edge computational science, I specialize in HPC architectures, GPU acceleration, and parallel programming to push the limits of performance and efficiency.
My goal is to contribute to breakthroughs in computational performance, optimizing large-scale simulations, developing next-gen quantum algorithms, and driving innovation in scientific computing and emerging technologies.
Open to networking, research collaborations, and opportunities in high-performance and quantum computing.

EDUCATION AND TRAINING

[09/2021 – 09/2024] **Bachelor's degree, Engineering of Computing Systems**

Politecnico di Milano

City: Milan | **Country:** Italy |

[09/2024 – Current] **Master's degree, High Performance Computing Engineering**

Politecnico di Milano

City: Milan | **Country:** Italy |

[09/2024 – Current] **Master's degree, Computational Science**

USI Università della Svizzera italiana

City: Lugano | **Country:** Switzerland |

DIGITAL SKILLS

My Digital Skills

Git| Optimization| Numerical Analysis| Software Engineering| Probability and Statistics| HPC| Parallel Computing| Machine Learning & AI

Programming Languages

Python | C, C++, CUDA | MPI | OpenMP | Java

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s): **English**

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

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

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).