Mattia Mauro

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LINKS   [Linkedin](), mattiamauro.com

LANGUAGES

English	Native speaker	Spanish	C2
French	Native speaker	Korean	A1
Italian	Native speaker		

EDUCATION

Sep 2023 — Jun 2025

MS in MS&E, Stanford University   Stanford

- Physics: advanced topics in quantum mechanics (with Leonard Susskind), advanced quantum optics, particle physics, statistical mechanics of neural networks
- CS: data science, optimization algorithms, AI for causal inference, AI for game theory, AI safety

Sep 2018 — May 2023

MS in Engineering and Physics, École Polytechnique   Paris

- Ranked 18th at concours d'entrée Mines Ponts (no ranking at X as I'm an international student)
- Cumulative GPA: 3.89/4
- Physics track with emphasis on theoretical physics and astrophysics

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EXPERIENCE AND INTERESTS

Oct 2024 — Oct 2025

Excellence Learning (YC W25), Co-Founder and CEO

Founded an AI EdTech startup, got into YC, raised $1.5M, built an AI tutor, signed contracts with schools

Sep 2023 — Present

Stanford, Research Assistant   Stanford

Worked in Pr. Chao-Lin Kuo's group on the cosmic microwave background. Assembled a Fourier-transform spectrometer to test a telescope. Currently working under Pr. Tompkins on ML for CERN detectors.

Mar 2023 — Nov 2024

Squarepoint Capital, VC and Quantitative Research

- Created and led the early-stage investment business.
- Developed a computer vision pipeline and contributed to a language model both used in production.

Jun 2024 — Jul 2024

Pasqal, Research Intern

Pasqal is the global leader in cold atoms quantum computing.
I was responsible for writing the protocol to evaluate the performance of quantum gates which has been successfully implemented in production

Oct 2022 — Jul 2023

Institut d'Astrophysique de Paris, Research Project

Worked under the supervision of Pr. Lecavelier des Etangs on the simulation of exocomet transits. Extended a Fortran 77 code to produce simulations in a wide range of physical conditions

Oct 2020 — Mar 2021

ATD Fourth World, Civil Servant   Paris

Served six months in an underprivileged neighborhood near Paris. Improved housing and tutored children

Jun 2022 — Sep 2022

Bank of America, Intern

- Developed an exotic commodities derivatives pricing simulator
- Was offered a full time position two years in advance as a commodities trader

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AWARD

Winner of the 2022 International Physicists' Tournament

- Team Captain of France and presented the winning solution
- Won the French Tournament (among 10 universities) and the International Tournament (among 17 countires), and was awarded the best presentation grade of the tournament

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SKILLS

C, C++	Expert	Python and ML packages	Expert