

# FRANCESCO CAPUANO

Italian (Native), English (IELTS 8.0)

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## EDUCATION

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### University of Oxford

October 2025 - September 2029

**DPhil** (AIMS CDT), supervised by Prof. Ingmar Posner and Prof. Jakob Foerster. Fully-funded position.

### École Normale Supérieure (ENS) Paris-Saclay

September 2024 - September 2025

**MSc, MVA** (Mathématiques, Vision, Apprentissage). Research-focused master's, mostly focusing on deep learning, reinforcement learning and robotics. GPA: 17.85/20.

### Politecnico di Torino & Politecnico di Milano

September 2021 - July 2023

**MSc in Data Science and Engineering (summa cum laude)**. Minor in Mathematical Engineering.

Final thesis in **Hardware-Aware AutoML with Deep Reinforcement Learning**.

Member of **Alta Scuola Politecnica (ASP)** 18th cycle, the tuition-waiving joint honors program founded by Italy's top technical universities (top 150 students out of Politecnico's 80k+).

### Sapienza University of Rome

September 2018 - July 2021

**BSc in Engineering (summa cum laude)**

Final thesis in **Operations Research**.

## INDUSTRY EXPERIENCE

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### Machine Learning Researcher

April 2025 - *Current*

*Hugging Face*

- **Robotics Researcher** in the robot learning team at Hugging Face, LeRobot.
- Research on cross-domain zero-shot adaptation, using Vision-Language-Action models, multi-modal data and Imitation Learning.

### DevRel AI Engineer

January 2025 - April 2025

*Mistral AI*

*Paris, France*

- Main responsibilities are **leading the Mistral Ambassadors program**, community building and open-source libraries maintenance.
- Started collaborating with Mistral AI as an official Ambassador in November 2024. Then, was invited to join and lead the program.
- Part-time while at MVA.

### CTO Founder Associate

April 2024 - October 2024

*Alan*

*Paris, France*

**Machine Learning Engineer**. I directly worked with Charles Gorintin, Alan's co-founder and CTO, rethinking Alan's processes in light of AI.

- Contributed to making Sales teams 30% more efficient with an AI-first retrieval system
- Evaluation and training pipeline over custom and proprietary dataset, further-training open-weights LLMs.
- Worked Mo, Alan's AI assistant served on Alan's app to its 600K+ members.

### Machine Learning Engineer

May 2023 - April 2024

*Bain & Company*

*Milan, Italy*

- **Venture building in Bain's start-up studio**, Founder's Studio.
- Mostly using transformers-based NLP, sequence encoders & LLMs
- Directly worked on Talentware, which raised €800K in one of Italy's largest pre-seed rounds.