

# Martin Cuingnet

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 [Personal website](#)

## Education

### Master Vision Apprentissage (MVA)

École Normale Supérieure (ENS) Paris-Saclay

MATH AND ARTIFICIAL INTELLIGENCE

NLP, CONVEX OPTIMIZATION, OPTIMAL TRANSPORT, TIMES SERIES, STATISTICS

2025–2026

### Computer Science Research Master's – MPRI

École Normale Supérieure (ENS) Paris-Saclay

THEORETICAL COMPUTER SCIENCE COURSES

DEEP LEARNING COURSE

COMPUTER VISION COURSE

2024–2025

### Bachelor's in Computer Science

École Normale Supérieure (ENS) Paris-Saclay

REINFORCED COMPUTER SCIENCE AND MATHEMATICS CURRICULUM

STATISTICAL LEARNING COURSE

2023–2024

### Classe Préparatoire – MPSI/MP

Lycée Janson de Sailly

PREPARATORY PROGRAM FOR FRENCH ENGINEERING SCHOOLS – MATHEMATICS, PHYSICS, AND COMPUTER SCIENCE

2021–2023

### Scientific Baccalauréat

Lycée Jean XXIII

2019–2021

## Skills

- Proficient in **Python** (especially the **PyTorch** library), **OCaml**, **C++** and
- Strong foundation in mathematics and computer science
- Frequently work with **Large Language Models (LLMs)** and follow the latest developments in the field through active reading of current research literature
- Strong background in **Machine Learning** in general
- Experience with **Rust**, **Scala**, **JavaScript**, **GDScript**, and **LC3 assembly**

## Projects and Research

### Graph Clustering and Community Detection

ENS Paris-Saclay

March 2025 – Today

Course project where we tried to do graph clustering using a random weighed graph model along-with an EM algorithm. You can find the poster [here](#).

### Master's Internship

University College London

March 2025 – Today

Five-month research internship with [Aldo Lipani](#) and [Jerome Ramos](#), studying LLM-powered web agents using a dynamic policy library. We are currently writing a paper for ICLR. You can find the report [here](#).

### Face Editing Project

ENS Paris-Saclay

January 2025

Face editing using GANs and PCA. You can find the code [here](#).

### Bachelor's Internship

Aix-Marseille University

June 2024 – August 2024

Two-month research internship with [Abdellah Fourtassi](#), studying the use of a **Transformer model** to predict turn-taking in conversations, particularly between children and adults. You can find the technical report [here](#).

### Other Projects

2020–2024

You can find more details about my projects on my [website](#).

## Other Activities 🎭

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- Sports: **Running** 🏃, **Badminton** 🏸, and occasionally swimming
- I play the **Saxophone** 🎷 in my school marching band
- Acted in several plays (including on semi-professional) after completing a **theatrical curriculum** 🎓 at the Conservatoire.
- Actively involved in **student life** 🎓: for example, I recently organized an [art festival](#)

## Referees 📋

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### Aldo Lipani

University College London

ASSOCIATE PROFESSOR IN MACHINE LEARNING AT UCL AND MEMBER OF THE WEB INTELLIGENCE GROUP

ALDO.LIPANI@UCL.AC.UK

### Abdellah Fourtassi

Aix-Marseille University

FOUNDER OF THE COMPUTATIONAL COMMUNICATIVE DEVELOPMENT TEAM

ABDELLAH.FOURTASSI@GMAIL.COM

### Benedikt Bollig

Formal Methods Laboratory, CNRS

RESEARCH DIRECTOR

BOLLIG@LMF.CNRS.FR