

## Education

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2024 – now **École Normale Supérieure de Lyon** (*Lyon, France*)

Student at the Computer Science departement.

- Master 1: Proofs and Programs, Semantics and Verification, Compilers and Program Analysis, Algorithmic Complexity, Optimization, Integrated Project, Computational Geometry, Parallel Algorithms and Programs, Databases and Data Mining
- Bachelor: Logic, Theory of Programming, Foundations of Computer Science, Algebra 1, Algorithms 1 & 2, Programming, Probabilities, Fonctionnal Project, Integration and measure

2022 – 2024 **Classes Préparatoires MP2I/MPI\*** (*Lycée Aux Lazaristes, Lyon, France*)

2022 **Baccalauréat** (*Lycée St. Marc, Lyon, France*)

## Research

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2026 **Formalizing models of type theory** (*Stockholm University, Stockholm, Sweden*)

Research internship in Department of Mathematics, supervised by Anders Mörtberg.

- Duration: 3 months

Summer 2025 **Hashing and boolean decision trees in Rocq** (*Université Grenoble-Alpes, Grenoble, France*)

Research internship at VERIMAG, supervised by David Monniaux.

- Duration: 6 weeks
- Report available [here](#)

## Teaching

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2024 – now **Tutoring** (*Lyon, France*)

I help high school students with their homework with the association [ENSeigner](#).

## Skills

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- French: native
- English: C1 (CAE: 199, Grade B)
- German and Swedish: some bits
- **Proof assistants:** (Cubical) Agda, Rocq
- **Programming:** OCaml, C, Python, Haskell
- **Tools:** git, Typst, LaTeX, Emacs