Jacopo Philip Moretti

IN MA1 student at EPFL, with interests in theorem provers, formal verification, and languages, both natural and programming.

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email :: github :: website

Academic

MSc in Computer Science :: EPFL — 09.2024 - 2026

Master's Degree in Computer Science at the *Ecole Polytechnique Fédérale de Lausanne* (EPFL); projected end in 2026.

Fields of interest: Theorem Proving, Programming Languages, Natural Language Processing.

Relevant courses: *Algorithms II (CS450), Machine Learning (CS433), Formal Verification (CS550).*

BSc in Computer Science :: EPFL — 09.2021 - 07.2024

Bachelor's degree in Computer Science from the *Ecole Polytechnique Fédérale de Lausanne* (EPFL).

Fields of interest: Functional Programming, Programming Languages.

Relevant courses: *Algorithms (CS250), Functional Programming (CS207), Computer Language Processing (CS320), Logique Mathématique (MATH381), Software Enterprise (CS311).*

French Baccalauréat — 06.2021

Mention Très Bien avec Félicitations du Jury from the Lycée Chateaubriand de Rome (18.06/20). Obtained in conjunction with the Italian *Esame di Stato* (100/100).

Professional

Chief Product Officer :: actualia — 08.2024 - Present

CPO at *actualia*, a startup creating a personalized press review app. Managed design team and led frontend development.

Figma, Flutter

Student Assistant :: Software Construction (CS214) — FW 2023

Student Assistant for Profs. Odersky, Pit-Claudel, and Kunčak. Answered 100+ student queries on forums, explained concepts in class, and implemented a workflow for recording and editing 20+ course videos.

Scala, LaTeX, Teaching

Student Assistant :: Students 4 Students — 2022, 2023

Volunteer at *Students 4 Students*, developing classes and problem sets for Calculus, Linear Algebra, and Discrete Mathematics, and tutored during exercise sessions.

Technical Manager :: Fréquence Banane — 05.2022 - 05.2024

Committee member tasked with maintaining the technical (audiovisual and server) infrastructure of an 80+ member student radio. Gained knowledge in writing code for large scale and long term use, managing a technical team, and audio engineering.

Python, VueJS, Astro

Skills

Languages: French (native), Italian (native), English (fluent), German (basic).

Programming: Functional (Scala), Systems (Java, C, Rust), Web ({Java, Type}Script, WASM,).

Awards

Winner of the Battle of The Apps, prize awarded by Prof. Candea for the best project in the Software Engineering course (CS311) at EPFL. The project, ActualIA, was eventually expanded into a startup.