

# Jacopo Philip Moretti

*CS MS 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

2024 - PRESENT

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

**Specialization:** *Foundations of Software.*

**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

2021 - 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).*

**Awards:** *1st place in the Battle of The Apps, prize awarded by Prof. Candea for the best project in the CS311 course (2023).*

## Experience

CHIEF PRODUCT OFFICER :: ACTUALIA

2024 - PRESENT

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

**Skills:** *Design (Figma), Android Mobile Development (Flutter, Dart, Bloc)*

STUDENT ASSISTANT :: SOFTWARE CONSTRUCTION (CS214)

FW 2023

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

**Skills:** *Functional Programming (Scala), Video Editing (DaVinci Resolve), git*

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

2022 - 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.

**Skills:** *Python, VueJS, Astro*

## Skills

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

**Programming** Scala, Java, Rust, C, Python, Dart, {Java, Type}Script.

**Design** Adobe Suite, Figma.