

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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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.