

ARTHUR TABARY

PHYSICIST AND ENGINEER IN COMPUTATIONAL SCIENCE



CONTACT



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E-Mail

arthurtabary@gmail.com

PERSONAL



Date of Birth

27/10/2000



Nationality

French

LANGUAGES



French

Native



English

C1



Spanish

B1

SKILLS

Python



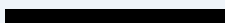
C++



JavaScript



LaTeX



Matlab



GitHub



EDUCATION

09/2022 - 07/2025

Master in Computational Science Engineering - EPFL

Specialization in machine learning, image analysis and computer graphics.

09/2019 - 07/2021

Bachelor in Physics - EPFL

Graduated with an average of 4.75/6.

One-year exchange program at Lund University in Sweden.

WORK EXPERIENCES

09/2025 - 12/2025

EERL (EPFL Lab) - Research Engineer

Topic: Integration of Machine Learning for autonomous control of tethered balloons.

03/2025 - 08/2025

EERL (EPFL Lab) - Master Thesis

Topic: Design a winch autopilot software for automated airborne measurements of aerosols.

09/2024 - 02/2025

Reef Pulse - Internship

Topic: Multispecies bioacoustics classification using Deep Learning.

02/2024 - 07/2024

LIS (EPFL Lab) - Semester Project

Topic: Robot behavior learning of animal locomotion with Imitation Learning.

09/2022 - 01/2023

LPAP (CERN Lab) - Semester Project

Topic: Deep Learning for the measurement of the Dynamic Aperture.

09/2022 - 07/2023

Teaching Assistant

Numerical & General Physics, C++ courses.

MANAGEMENT EXPERIENCES

09/2023 - 07/2024

Vice-president of Sailowtech

Sailing expeditions focused on ocean data collection and sensor prototyping.

08/2021 - 07/2023

President of ArtePoly

EPFL's art association, with nearly 60 members

08/2021 - 07/2022

Balélec Festival Organizer

In charge of the 30 travelling artists at Balélec, which welcomes 15,000 festival-goers every year.

HOBBIES

Cinema

Passionate about cinema, I've written, directed and edited several short films.

Sport

Bouldering, volley-ball, running, sailing, scuba-diving

Nature/Adventure

Backpacking, cliff climbing, trekking, mountaineering,