

Resume



Matthieu PÉLISSIER

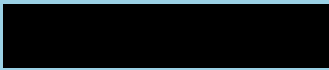
22 years old



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LANGUAGES

French (native)

English (C1)

COMPÉTENCES

Python

Numpy, Matplotlib, Pytorch

Latex

Writing reports and scientific articles (in progress)

INTERESTS

Drawing, sport, archaeology, theater

EDUCATION

- Since 2023 ● **Master's degree in subatomic physics and cosmology**
Grenoble-Alpes University, Grenoble
- Since 2022 ● **Magistère 2 and 3 Fundamental research physics**
Grenoble-Alpes University, Grenoble
- 2022 - 2023 ● **Master 1 Fundamental research physics - with distinction**
Grenoble-Alpes University, Grenoble
- 2022 - 2019 ● **Special Bachelor's degree in Physics - with distinction**
Paul Sabatier University, Toulouse
- 2019 ● **Scientific Baccalaureate - with merit**
Ferdinand Foch High School, Rodez

EXPERIENCES

- 2023 ● **Internship in a research laboratory, ATLAS team**
LPSC, Grenoble, 2 months full-time
Solving a differential equation for the calibration function of the ATLAS detector, using a neural network.
- 2022 ● **Internship in a research laboratory, Tuorla observatory**
University of Turku, Finland, 3 months full-time
Study of the polarisation of light from the accretion disc of a supermassive black hole: bibliographical research, theoretical study and modelling
- 2022 ● **Project: Quantum states of gravity**
Paul Sabatier University, Toulouse, 20h
Study of the theory and experimentation with ultra-cold neutrons in a gravity well
- 2021 ● **Project: characterisation and creation of a quartz watch**
Paul Sabatier University, Toulouse, 40h
Use of a lock-in and frequency divider, study of quartz behaviour, creation of a clock

More projects on my [professional website](#)