



APOLLINE MELLOTT

MASTER STUDENT

23 YEARS OLD

COMPETENCES

FRENCH : NATIVE SPEAKER

ENGLISH : PROFICIENT

SPANISH : ELEMENTARY PROFICIENCY

COMPUTER LANGUAGES : C, PYTHON, MATLAB

SOFTWARE : MATLAB, SOLIDWORKS, ILLUSTRATOR

EDITING : MICROSOFT OFFICE, LATEX

OPTICAL DESIGN PROGRAM : OSLO

HOBBIES



MUSIC : PIANO FOR 11 YEARS



SPORT : TENNIS FOR 10 YEARS

CONTACT



+33 6 50 97 44 21



47 MAIL PIERRE POTIER - 6DB505
91190 GIF SUR YVETTE
FRANCE



APOLLINE.MELLOTT@GMAIL.COM



EDUCATION

- 2020-2021 **MASTER 2 : COMPUTATIONAL NEUROSCIENCES AND NEUROENGINEERING**
UNIVERSITÉ PARIS SACLAY
Subjects : Physiological basis of neuroscience, Neural basis of perception, Dynamical systems and computational neuroscience, Closed-loop neuroscience, Methods for measuring and stimulating neuronal activity, Machine learning.
- 2017-2020 **OPTICAL ENGINEERING DEGREE**
INSTITUT D'OPTIQUE GRADUATE SCHOOL
Subjects : signal and image processing, X / UV rays and applications, electromagnetism, motion and 3D images, biophotonics, physical and instrumental optics, optical systems design ...
BIOMEDICAL STUDIES
IFSBM - VILLEJUIF
Double degree to provide in-depth knowledge of the hospital environment and bio-industries.
- 2015-2017 **INTENSIVE STUDIES IN MATHS AND PHYSICS**
LYCÉE POTHIER - ORLÉANS
2-year intensive programme to enter renowned Engineering schools focusing mainly on mathematics and physics.



EXPERIENCES

- MAR-AUG 2021 **INTERNSHIP AT PARIETAL - INRIA**
Combining different modalities of brain imaging for age prediction with an opportunistic prediction-stacking approach.
- MAR-AUG 2020 **INTERNSHIP AT NEUROSPIN - CEA**
Automation of brain folds identification in newborns and application to the study of the effects of prematurity on cortical folds.
- MAY- AUG 2019 **INTERNSHIP AT IMEC BELGIUM**
Hyperspectral imaging sensor test and calibration engineer intern within the integrated imaging and vision solutions technical team.
- JUL 2018 **INTERNSHIP AT THE KREMLIN-BICÊTRE HOSPITAL**
Study of motion sickness in virtual reality - correlation of the intensity of symptoms with movements of the head.
- 2018 **PRESIDENT OF THE STUDENTS COUNCIL OF INSTITUT D'OPTIQUE**
Management of an association and teamwork to carry out projects for students.