
HUGO FLUHR



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GOAL

My main drive in pursuing my studies is to develop my technical knowledge and put it to use to develop socially impactful technologies.

COMPUTER SKILLS

Languages: Python, Matlab, C, C++,
Arduino, Java

Specific softwares: Catia (CAD),
COMSOL Multiphysics (FEM)

LANGUAGES

French: mother tongue

English: C1 German: B2

HOBBIES

Bouldering, hiking, literature.

EDUCATION

MASTER THESIS, 2020

Andermann Lab, Harvard Medical School

I am currently working on in vivo brain imaging and behaviour tracking at Harvard Medical School as a Fellow of the Bertarelli Program in Translational Neuroscience.

MSC. IN MICROENGINEERING, 2018 -

EPFL

Master in Microengineering including a Minor in Biomedical Technologies with a focus on Biomedical Engineering, Neuroengineering and Image Processing.

BSC. IN MICROENGINEERING, 2014 - 2017

EPFL

Courses in Microtechnology, Computer Science, Mechanical/Electrical Engineering, Signal Processing and others.

EXPERIENCE

MASTER INTERSHIP, JULY 2019 – SEPTEMBER 2019

Laboratory for Research in Neuroimaging, CHUV, Lausanne

My mission during this summer internship was to take part in the development of web-based tools to facilitate Neuroimaging research conducted in the lab.

SEMESTER PROJECT, SPRING 2019

Medical Image Processing Laboratory (MIP:Lab), EPFL

As a part of my MSc., I worked part-time in a lab active in brain mapping research. My project focused on applying Graph Signal Processing techniques to fMRI data of epilepsy patients.

STUDENT ASSISTANT, 2016 - 2017

General Physics and Calculus courses

I supervised under-graduate students during exercise sessions.

MISCELLANEOUS

Associative responsibilities

Class representative, students in Microengineering Master.
Vice-President of the COSE (organisation comity of the study trip for Microengineering Bachelor students).
