

Alexandre Luster

January 2, 1999
Swiss & American citizen
+41 78 935 50 57
alexandre.luster@epfl.ch

Chemin de la Clergère 3b
CH-1027 Lonay
Switzerland

Education	Johns Hopkins University (JHU) 2019-2020 <ul style="list-style-type: none">• Biomedical Engineering Ecole Polytechnique Fédérale de Lausanne (EPFL) 2017-now <ul style="list-style-type: none">• Bachelor & Master (ongoing) in Life Sciences Engineering• Minor in Data Science Gymnase de Morges 2014-2017 <ul style="list-style-type: none">• Math & Physics
Projects	Neuroengineering Laboratory, EPFL 2020 <i>Automating axon detection from Drosophila calcium imaging</i> Sulam Group, JHU 2020 <i>Synthetic test bed for biomarkers discovery¹</i>
Awards	Bertarelli Fellowship in Translational Neuroscience 2022 Research grant for a project at the Harvard Medical School EPFL Excellence Fellowship 2020-2022 Movetia Fellowship 2019-2020 Exchange year at Johns Hopkins University Best poster EPFL Global Issues 2018 Best overall result Collège du Léman 2014
Work	Intern at Metadvice 2021-2022 <i>Precision medicine prognosis and therapy recommendations for cardiometabolic diseases</i> Summer job for a metal construction company (W3 SA) 2017-2019 Tutoring private classes in Physics, Math & German 2014-2017
Skills	Programming: Python, Matlab, Javascript, C++, Linux, R Coursework: Computer Vision, Deep Learning, Applied Data Analysis, Signal Processing for fMRI, Bioinformatics, Statistics
Languages	French mother tongue English native speaker German proficient in German and Swiss German Spanish intermediate
Interests	Sports (climbing, skiing, soccer, gymnastics, running etc.) Playing the piano, classical music, chess

¹J. Teneggi, A. Luster and J. Sulam, "Fast Hierarchical Games for Image Explanations," in IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, doi: 10.1109/TPAMI.2022.3189849.