



Julian Englert · 3rd
Co-Founder and CEO of Adaptyv Biosystems
Lausanne, Vaud, Switzerland · [Contact info](#)
411 connections



Adaptyv Biosystems



EPFL (École polytechnique
fédérale de Lausanne)

Experience



Co-Founder

Adaptyv Biosystems
Apr 2020 – Present · 1 yr 8 mos



R&D Engineer

Xsensio
Sep 2018 – Oct 2019 · 1 yr 2 mos
Lausanne Area, Switzerland

- Developed novel functionalization techniques for Lab-on-Skin semiconductor sensing platform using inkjet printed polymer membranes
- Established scalable device characterization methodology with automated sampling setup and sensor performance analysis using Python

Education



EPFL (École polytechnique fédérale de Lausanne)

Master of Science - MS, Biomedical/Medical Engineering
2016 – 2019

Major in Materials Science and Engineering
Minor in Biomedical Technologies

- Master thesis on integration of functionalization layers on sensor platform by inkjet printing in collaboration between LMIS1 (J. Brugger) and Xsensio SA
- Lab projects on energy harvesting with piezoelectric systems (D. Damjanovic), novel soft pneumatic actuators (J. Palk) and multimaterial 3D bioprinting (P. Renaud)
- Design projects in small teams for courses for example on functional composites, sensorimotor neuroprosthetics and flexible bioelectronics



Karlsruhe Institute of Technology (KIT)

Bachelor of Science - BS, Materials Science
2012 – 2016

Major in Materials Science and Engineering

- Thesis on novel organic solar cells based on fullerene blends at Lichttechnisches Institut (LTI) in 2016
- Awarded Deutschlandstipendium scholarship in 2015
- Teaching Assistant for Engineering Mechanics in 2014/2015

Volunteer experience



Co-Founder and Co-Lead

Effective Altruism Lausanne
Sep 2018 – Present · 3 yrs 3 mos

Coordinating activities of the association and organizing events in Lausanne area.
Building a community of open-minded people that use reasoning and evidence to change the world to the better.