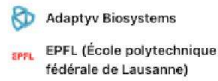




**Daniel Nakhaee-Zadeh Gutierrez** · 3rd  
Co-Founder at Adaptiv Biosystems  
Lausanne, Vaud, Switzerland · [Contact info](#)  
500+ connections



## Experience



**Co-Founder**  
Adaptiv Biosystems · Full-time  
Sep 2020 – Present · 1 yr 3 mos  
Lausanne, Vaud, Switzerland



**Master Thesis Student**  
Harvard University  
Sep 2019 – Mar 2020 · 7 mos  
Greater Boston Area  
  
Master Thesis project at the Mooney Laboratory

Title: Development of tolerogenic vaccines based on graphene oxide nano-flakes for autoimmune disease treatment  
[...see more](#)



**Bioengineering Intern**  
Alveolix  
Feb 2019 – Sep 2019 · 8 mos  
Bern Area, Switzerland  
  
Establishment of a lung-on-chip in-vitro platform for drug development.  
- Development of cell-compatible coating strategies and anti-fouling coatings to prevent drug adsorption.  
- Establishment of an automated pipetting system for lung-on-chip processing. [...see more](#)



**EPFL (École polytechnique fédérale de Lausanne)**  
6 mos

- Research Collaborator - PBL (Programable Biomaterial Laboratory)**  
Sep 2018 – Feb 2019 · 6 mos  
Lausanne Area, Switzerland  
  
Design and synthesis of virus-like DNA origami structures as a platform for immunotherapy and drug delivery.
- Research Collaborator - LBI (Laboratory of Biomaterials for Immunoengineering)**  
Sep 2018 – Feb 2019 · 6 mos  
Lausanne Area, Switzerland  
  
Design and synthesis of chemically-linked gel-based nanoparticles for cancer immunotherapy.



**Logistic Manager and Researcher**  
iGEM Competition  
Mar 2018 – Nov 2018 · 9 mos  
Lausanne Area, Switzerland  
  
The goal of cancer immunotherapy is to harness the immune system in the fight against cancer. The project that the EPFL 2018 iGEM team is presenting is focused on the development of a new therapeutic approach to target specific types of cancer using immunotherapy methods, with a focus on vaccines. Furthermore, the project aims [...see more](#)



2018 EPFL iGEM Wiki

Show 5 more experiences

## Education



**EPFL (École polytechnique fédérale de Lausanne)**  
Master's degree, Bioengineering  
2017 – 2020



**University of Leeds**  
Bachelor's Degree, Biomedical/Medical Engineering, Beng/Meng  
2014 – 2018  
Activities and Societies: LUU Tennis Society, Mechanical Engineering Society, Healthcare Technologies Co-operative Foundation  
  
During my first year of the Medical Engineering degree I accomplished a first with an overall average grade of 84%. I also was awarded with the Dean's list recognition this year, given to the top 5% of the engineering students.

Engineering Mathematics: 96%  
Computers and Engineering Analysis: 84%  
Solid Mechanics: 88%  
Design and Manufacture 1: 81%  
Thermofluids 1: 81%  
Engineering Materials: 72%

During my second year of the Medical Engineering degree I accomplished a first with an overall average grade of 81%. I also was awarded with the Dean's list recognition this year, given to the top 5% of the engineering students.

Engineering Mechanics: 93%  
Vibration and Control: 78%  
Design and Manufacture 2: 70%  
Economics and Management: 76%  
Mechatronics and Measurement Systems: 75%  
Thermofluids 2: 92%



#### **I.E.S Ramiro de Maeztu**

High School, Spanish Titulo de Bachillerato, International Baccalaureate (IB), 9/10 - 33/45  
2012 - 2014  
Activities and Societies: Technology Society

I studied the last two years of High school education in this institution. I did a double program study, including the Spanish compulsory baccalaureate and the International baccalaureate (IB) program.

### **Licenses & certifications**



#### **International Baccalaureate Diploma**

The International Baccalaureate  
Issued Jun 2014 - No Expiration Date

### **Volunteer experience**



#### **Volunteer**

Salvation Army  
Dec 2011 - Present - 10 yrs  
Poverty Alleviation

My involvement in Charity has helped me empathize with people from different backgrounds and be attentive when they need me. My role was very rewarding as it required me to discuss any issues these people had, whilst supporting them. I believe this experience helps me interact with members of the public very easily.