



**Eric Carl Richter**

**20/08/1998**

BSc Micro- Engineering EPFL

MSc Mechanical Engineering ETH

#### Contact

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#### Roots

**Switzerland: Citizen**

**Sweden (Father): Citizen**

**Lebanon (Mother)**

#### Languages

**English: Native**

**French: Native**

**German: Fluent**

**Swedish: Conversational**

#### Programming Experience

**Python**

**C++**

**C**

**Matlab**

**VHDL**

**Assembly**

**SQL**

#### Modelling and Simulation

**Fusion 360**

**Catia V5**

**COMSOL**

## Education

2024 ETHZ  
2022 Zürich

**MSc in Mechanical Engineering GPA: 5.41** (1-6, pass at 4)

**Fields of study:** Robotics and Control, Machine Learning, Neuromorphic Computing, Computer Vision, POM and Sustainability, Micro- Nano-systems

2022 ShARE  
2020 (EPFL)

**ShARE's Leadership Programme of Excellence**

**Fields of study:** Consulting, Management, the Do Well Do Good mindset

2022 EPFL  
2021 Lausanne

**MSc in Micro-Engineering GPA: 5.30** (1-6, pass at 4)

**Fields of study:** Embedded Electronics, Semi-Conductors, Micro- Nano-Systems, Supply Chain Dynamics, Robotics, Photovoltaics

2021 EPFL  
2018 Lausanne

**BSc in Micro-Engineering at EPFL GPA: 5.23** (1-6, pass at 4)

**Fields of study:** Mechanical Engineering, Electrical Engineering, Material Science, Computer science, Manufacturing, Optics, Micro-fabrication, Sensors, Micro-Controllers, FPGA, Mobile Robots

2017 USJ  
Beirut

**Off-Program Studies at USJ Beirut**

**Fields of study:** International Relations, Geopolitics, History, Philosophy

## Experience

2023 Chiral Nano  
Zürich

**Research Assistant**

**Practical Skills:** Clean Room

2021 EPFL  
Lausanne

**Teaching Assistant in Mathematical Analysis ("Analyse II")**

2018 Swiss Army

**Intelligence Soldier in the Air Force**

## Student Associations/Competitions

2021 iGEM  
Lausanne

**Award Winning Team at iGEM: International Genetically Engineered Machine**

**Main Positions:** Head Engineer, Chemistry laboratory operator

**Awards:** Gold Medal, Best wiki award, best environmental project nomination

2022 ShARE  
2020 Lausanne

**EPFL ShARE Chapter**

**Main Positions:** Vice-President (2022), Team Manager, Consultant