# Matthieu Rimlinger

✉ mrimlinger@student.ethz.ch

🔗 https://mrimlinger.ch

🏠 BK 7500, Cäsar-Ritz Strasse 1, 8046 Zurich

## Education

| | |
|---|---|
| 2019 - now | MSc Electrical Engineering, **ETH Zurich** (Switzerland) |
| 2018 - 2019 | One-year exchange, **HKUST** (Hong Kong, China) |
| 2016 - 2019 | BSc Microengineering, **EPFL** (Switzerland) |
| 2016 | French scientific baccalaureate (France) |

## Work

| | |
|---|---|
| 2015,16,17 | Summer internships at **Hoffmann-La Roche** (Basel, Switzerland) |
| | -> improvement of databases accuracy, script-automation of tasks |

## Projects

- Optical fibre communication channel
- Digital door lock embedded system (physical realization, assembly coded)
- Digital multifunction watch (logic gate level realization)
- Anthill simulation (C/C++, OpenGL)
- Optical field selector (flexure mechanism realization)
- Mechanical trash compactor
- Motorized skateboard controlled by user's body tilt

## Languages

| | |
|---|---|
| French | Native |
| English | Fluent and proficient (C1/C2) |
| German | Sufficient (B2/C1) |

## Volunteering

| | |
|---|---|
| Jul. 2019 | Farming in a Mongolian farm (Orkhon, Mongolia) |
| Jan. 2019 | Teaching at Heaven Hill Academy primary school (Gaunshahar, Nepal) |
| | -> work in a team of 15 volunteers, teaching Mathematics and English |
| | -> building of a new classroom, support in administrative tasks |
| 2017 - 2018 | Member of the politics team at EPFL's student representative association (AGEPoly) |
| | -> writing of position statements about changes in school regulation |

## Achievements

| | |
|---|---|
| 2019 | Independent and solitary overland travel from Hong Kong to France |
| 2019 | Ran **Kyoto marathon** in 4h13min |
| 2018 | Ran **Singapore marathon** in 5h36min |
| 2015 | First prize at Rallye Math (French math contest) |