



## PERSONAL

- 📍 Lausanne, Switzerland
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## LANGUAGES

French	Native
English	Fluent

## LINKS

- romraigraux.xyz
- 👤 romraigrx
- linkedin romraigraux

## LICENSES

- 🚗 B, BE
- ⚓ ICC (inland and coast, motor and sail)

## CERTIFICATIONS

- Jul 2020 - Jul 2023**  
TensorFlow Developer Certificate



# ROMAIN GRAUX

Data science engineer

## PROFILE

I'm a young engineer of 22 years old who just graduated from a master in data science at EPL/EPFL. I am looking for my next challenge in artificial intelligence and more specifically in reinforcement learning, computer vision or AI safety. But this is not exhaustive, I am attracted by many fields such as cybersecurity, computer networks and many others.

## EDUCATION

### M.S. Data Science Engineering

**École Polytechnique Fédérale de Lausanne**

Sep 2021 - Jul 2022

One year exchange at EPFL, doing a master thesis on "Point cloud compression for DNA based storage" and following the courses: Cryptography and security, Information security and privacy, Decentralized systems and Seminar in advanced topics in machine learning, .

### M.S. Data Science Engineering

**École Polytechnique de Louvain**

Sep 2020 - Jul 2022

Master degree in data science with a specialization in cryptography and computer systems.

### B. Sc. Engineering

**École Polytechnique de Louvain**

Sep 2017 - Jun 2020

Bachelor degree in engineering with a specialization in applied mathematics and computer science. Grade: Cum Laude.

## EXPERIENCE

### IT & Knowledge Manager

**Academics For Development**

Sep 2019 - Sep 2021

In charge of the website development of Academics For Development and all the team accounts and access on GSuite and Slack. Academics for Development is a non-profit organization founded on social entrepreneurship. Through projects and on-campus events, they strive to give students the opportunity to enrich themselves and have durable social impact.

### Teaching Assistant

**École Polytechnique de Louvain**

Sep 2020 - Jun 2021

I gave practice sessions to students (between 20 and 50 per session) for the next five courses: Algorithmique et structures de données, Mathématiques discrètes et probabilité, Méthodes numériques, Signaux et Systèmes and Informatique 1/Python.

### Computer Vision Internship

**Aeorspacelab**

Aug 2020 - Sep 2020

Joined a team of machine learning engineers for one month internship at Aeorspacelab building Computer Vision models (detection, segmentation and area computing), data cleaning and web scraping on satellite images and geolocation informations thanks to OpenStreetMap.

### Project Student

**Academics For Development**

Sep 2018 - Aug 2019

Fundraising, design and building of a water pump powered by solar energy in a village (Edouwossikopé) in Togo. More information about the project : [https://afdimpact.org/projectname/p\\_1ln\\_1819\\_odeah\\_togo/](https://afdimpact.org/projectname/p_1ln_1819_odeah_togo/)