# ROMAIN GRAUX

Data Science student

## CONTACT

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## LINKS

○ RomainGrx

in romaingraux

## LICENSES

🚗 B, BE

⚓ ICC (inland and coast, motor and sail)

## PROFILE

Young student in last year of master in Data Science at EPFL who is hungry to learn and practice.

## EDUCATION

### 2021 - 2022

**M.S. Data Science Engineering**
École Polytechnique Fédérale de Lausanne

Last year of the Master's degree in Erasmus at EPFL.

### 2020 - 2022

**M.S. Data Science Engineering**
École Polytechnique de Louvain

Master's degree in Data Science with first year realized at Louvain-la-Neuve and second year in Erasmus.

### 2017 - 2020

**B. Sc. Engineering**
École Polytechnique de Louvain

Bachelor degree in Engineering with Computer Science major and Applied Mathematics minor.

### 2011 - 2017

**High School Degree**
Institut Saint-Joseph

High School with mathematics (8h/week) and science (7h/week) options; Final thesis on transition to renewable energy.

# CERTIFICATIONS

**TensorFlow Developer Certificate**

Demonstrate the proficiency in using TensorFlow to solve deep learning and ML problems.

# SKILLS

**Python**  4+ yrs

**C/C++**  3+ yrs

**Linux**  3+ yrs

**GIT**  3+ yrs

**Vim**  2+ yrs

# EXPERIENCE

### IT & Knowledge Manager
Sep 19 - Sep 21

**Academics For Development**

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

**Technologies include:**

- Wordpress for the website development.
- Google Suite for emails and drive access.
- Slack for in-team communications.

### Computer Vision Internship
Aug 20 - Sep 20

**Aeorspacelab**

Joined a team of machine learning engineers for one month internship at Aeorspacelab building Computer Vision models, data cleaning and web scraping concerning satellite images and location informations.

- Building segmentation models for detection and area computing (Mask-RCNN, Random Forests, ...).
- Recovering location information thanks to OpenStreetMap.
- Data cleaning once OpenStreetMap information gathered.

**Technologies include:**

- PyTorch, Scikit-Learn, Numpy for computer vision models.
- OpenStreetMap API and GeoPandas for location information retrieval.

### Automative Expertise Trainee
Aug 19 - Sep 19

**Experts Partners**

Working with an automotive Senior Expert in the field and records encoding back in the office.

### Project Student
Sep 18 - Aug 19

**Academics For Development**

Fundraising, design and building of a water pump powered by solar energy in a village (Edouwossikopé) in Togo.

- Sep 18 - Jun 19  Fundraising, search for material sponsors and theoretical building of the water pump.

- Jul 19 - Aug 19  Practical building of the supporting structure and pump in the village.

More information about the project : `https://afdimpact.org/projectname/p_lln_1819_odeah_togo/`