JULIEN GUSTIN

Student in Data Science

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🔗 julien-gustin-bb3151214 ⚙ Julien-Gustin 🌐 https://julien-gustin.github.io/

DATE OF BIRTH

2nd July 2000

HARD SKILLS

Python | Julia | C/C++
Java | Go | HTML/CSS
LaTeX | Dart

Pytorch | TensorFlow
Scikit-learn | Flutter
OpenCV | pandas | numpy

SQL | MongoDB | FireBase

ML | DL | RL | CV
arduino

SOFT SKILLS

Curious | Rigorous | Applied
Team spirit | Optimism
Problem-Solving

LANGUAGES

French: **Native**

English: **C1**

LICENCES

Diplome du Jeune Entrepreneur
📅 2018

HOBBIES

Climbing | Technology
Cycling | Traveling
Photography

ABOUT ME

Passionate about technology and computer science and having a strong interest in artificial intelligence, I am looking for an internship in a company related to Data Science.

EDUCATION

MSc. in Data Science | University of Liege

📅 September 2021 – September 2023 📍 Liege, Belgium

- Grade: N/A

BSc. in Computer Science | University of Liege

📅 September 2018 – July 2021 📍 Liege, Belgium

- Grade: cum laude

PROJECTS

Image colorization | 🌐

📅 March 2022 – May 2022

Application of deep learning techniques to colourise grayscale photos.
- **Convolutional neural network**
- **Conditional generative adversarial network**

Smart-Heating | 🌐

📅 September 2021 – June 2022

Minimize the difference between the rooms temperature and its target temperature by controlling radiator switches and boiler temperature using Model Predictive Control.
- **Thermal modelisation** - *Grey-box Model, parameters fitting*
- **Model Predictive Control** - Mixed-integer programming

Droplets & Cells detection

📅 October 2021 – December 2021

Given a record, we apply computer vision and deep learning techniques in order to count the number of droplets, and find the number of visible cells.

EXPERIENCES

Student job - Data Scientist | University of Liege 🌐

📅 July 2022 – present 📍 Liege, Belgium

Working with the department of Oceanography to build an O2 data set and develop a Neural Network to predict O2 from physical and satellite data