



# JULIEN GUSTIN

Student in Data Science

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👤 Julien-Gustin

📍 Liege, Belgium

🌐 <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