✉ clement.delteil@utbm.fr
📞 +33 6 43 88 61 84
📍 50 Route des Bordes
Bonnée, France
in clementdelteil
Wazzabeee
🔗 clementdelteil.com
Ⓜ Clément Delteil

# Skills

## Machine Learning

| Tensorflow | PySpark | Keras | Scikit-Learn |

## Exploration & Visualization

| OpenCV | Scikit-Image | PowerBI | Tableau |
| Numpy | Pandas | Plotly | Matplotlib |

## Programming Languages

| Python | SQL | Java | LaTeX | C/C++ |

## Tools

| Kafka | Docker | SQLServer | Access | GCP |

## Non-technical

| Teamwork | Rigor | Curiosity | Reliability |
| Adaptability | Writing | Communication |

# Languages

French : Bilingual - English : C2 (BULATS)

Spanish : A2 - Japanese : Basics

# Hobbies

Bodybuilding    Reading    Traveling    Photography

# Clément DELTEIL

Computer Science Engineering Student

Looking for a final year internship - September 2023 - 6 months

## Professional experiences

### Teaching Assistant – Part time ✅      Feb. – Apr. 2023

Correction of bachelors exams in computer science. Corrected courses : Algorithms & Machine Learning for Data Science.

📍 Canada
💼 UQAC

### Technical Writer – Freelance      Jan. 2023 – Present

Review of scientific papers, computer science popularization, data scraping & visualization, deep learning, machine learning, natural language processing.

📍 World
💼 Medium

### Engineer Assistant – Internship ✅      Sep. 2021 – Feb. 2022

Supporting researchers and PhD students in their Human Computer Interaction projects. NLP, Machine Learning, Data Analysis, OCR, Plagiarism Detection, Sentimental Analysis.

📍 Slovenia
💼 HICUP lab

## Projects

### Image and sound generation via DCGAN      2023

- Implementation of a GAN & a DCGAN for generating audio and images from Kaggle datasets.
- Tensorflow - Numpy - OpenCV - Colab - Runpod

### Multimodal recommendation system      2023

- Personalized real-time news recommendations using online online reinforcement learning (Q Learning).
- Azure Cosmos / Automation - MLfLow - PyTorch - Numpy - SQL

### Large-scale sentimental analysis of tweets      2022

- Comparison of algorithms on the Sentiment140 dataset in a Google Cloud cluster. Implemented an ETL process by connecting the best model to the Twitter API and Kafka for real-time analysis.
- PySpark - Docker - Kafka - Spark Streaming - GCP - Scikit-Learn

### Prediction of solar panel production      2022

- SCRUM project in a team of 5 in start-up mode over a period of 6 months covering all aspects of project management and deployment of an artificial intelligence based solution.
- Model trained on open data and then deployed online by connecting it to different weather APIs.
- Django - Jupyter - Scikit-Learn - XGBoost - CatBoost

## Education

### Master in Computer Science (Professional)      2022 - 2024

University of Québec at Chicoutimi - Canada
Double degree - Specialization in AI - CGPA = 4.3/4.3

UQAC

### Study Abroad Semester - Slovenia      2020 - 2020

Univerza na Primorskem - FAMNIT
Computer Science and Math courses in English

UP    famnit

### Computer Science Engineer - Data Science      2018 - 2024

University of Technology of Belfort-Montbéliard - France
Multidisciplinary curriculum in 5 years - Last GPA = 98/100

utbm