



Clément Delteil

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Summary

Engineer with a double degree, passionate technical writer, and continuous learner. Skilled in applying state-of-the-art techniques at scale with two years of international experience. Eager to solve challenging AI and data science problems.

Education

University of Quebec – UQAC, Chicoutimi – MS.c In Computer Science **Sep 2022 – Jan 2024**

GPA: 4.22/4.3 – Specialization in Artificial Intelligence

Coursework: Data Structures/Algorithms, Big Data, Deep Learning, Computer Vision, Business Intelligence

University of Technology of Belfort-Montbéliard – UTBM, Belfort **Sep 2018 – Jan 2024**

GPA: 98/100 – Computer Science Engineer – Specialization In Data Science

Exchange: University of Primorska, FAMNIT, Slovenia (GPA: 9.3/10)

Coursework: Probability, Statistics, Deep Learning, Database Optimization, Machine Learning, Discrete Math

Experience

namR, Data Scientist Intern – Paris – LOR  **Aug 2023 – Jan 2024**

- Developed a noisy label filtering method for training datasets using Confident Learning, thus improving data quality and model performance.
- Created of a meta-model (LightGBM + KNN) to predict the type of 34 million French buildings.
- Worked in an Agile environment with regular presentations of results to other Data Scientists and Data Engineers.
- Enhanced the internal repository by modifying the Gitlab CI, adding various linters and typing.
- Optimized SQL queries on PostgreSQL for processing millions of spatial data points.

Medium, Technical Writer – Remote **Jan 2023 – Now**

- Engaged over 35,000 readers by writing 18 articles on diverse topics, driven by curiosity and anchored in data.
- Keynote speaker at Google Student Developer Club ML Summit; inspired 80+ participants by sharing my personal journey in Data Science and AI, motivating their active engagement and public contributions.


HICUP Lab, Research Assistant – Koper – LOR  **Sep 2021 – Feb 2022**

- Built a 3000 movie/script dataset through web scraping, employing Tesseract for Optical Character Recognition (OCR) and N-gram models in Natural Language Processing (NLP) for feature extraction and analysis in Machine Learning, aiming to predict pleasure-driven and personal growth-related traits for Recommender Systems.
- Used the BERT model to predict movies' hedonic and eudaemonic characteristics from their subtitles.
- Developed a Python tool for plagiarism detection with highlighted text comparisons.

Projects

Research, Bias Mitigation in Large Language Models (LLM) – UQAC **May – Jun 2022**

- Part of a four-member team conducted state-of-the-art analysis on social bias in Large Language Models.
- Ran fine-tuning experiments on quantized Bloomz and FLAN-T5 models to mitigate training biases.

Big Data, Real-Time Sentiment Analysis of Tweets – UQAC – LOR  **Sep – Dec 2022**

- Enhanced PySpark model performance for sentiment analysis by scaling training on Google Cloud.
- Deployed model through an ETL pipeline integrating Kafka and Spark Streaming, for real-time analysis.

Skills & Interests

Data Science & Programming – Python, SQL, PostgreSQL, Java, C++, Scikit-Learn, Dataiku, Apache Kafka, TensorFlow, PyTorch, Spark, MapReduce, QGIS, Numpy, Pandas, OpenCV, Plotly, Matplotlib, GitHub, Google Cloud Platform, Confluence, JIRA.

Languages – Native Proficiency in **French**. Fluent Proficiency in **English**. Basics in **Spanish & Japanese**.

Interests – Passionate about pushing my body's limits through **Fitness**, gaining wisdom from **Reading**, capturing life's moments through **Photography**, and broadening perspectives by **Traveling**.