

# Quentin Lim

Last year Student in  
Data Science

✉ quentinlim384@gmail.com

☎ +33782885515

🌐 [linkedin.com/in/quentin-lim-978746250](https://www.linkedin.com/in/quentin-lim-978746250)

🐙 [github.com/QL2111](https://github.com/QL2111)

## 📄 Profile

Currently seeking an **internship in Data Science starting in March 2025 for a duration of 4 to 6 months.**

## 🧠 Skills

ML, NLP, TensorFlow; Scikit-learn, MLFlow, Transformers, LLM, Time Series.

SQL, NoSQL, MongoDB

Qlik, Tableau, PowerBI

OpenCV, YOLO

Azure, AWS, Fabric

Git/Agile methodology

Python/R/Java/PySpark/JavaScript/PHP

Gen AI

## 🎯 Interests

**Board Games:** Casual boarding games and **Chess club**

**Gaming:** Played in **competitives** tournaments, peaked **GrandMaster in League of Legends**

**Sailing:** Member of the sailing club at La Rochelle Université

**Basket ball:** Sports association during Middle School, **teamwork** and **fast decision making.**

## 🏠 Volunteering

**ESN Cosmolyon**

2023 – present

**Vice-President**, holdings Culturals Event for internationals and local student(Board games/Day trips/Spanish dinner)

**Alter-ego Lyon 2**

2023 – present

**Buddy System** with Lyon 2 University

## 🎓 Education

**Master in Data Science**, Université Lyon 2 Lumière ☑

09/2023 – present

- Expertise in advanced data analysis: ANOVA, time series, biostatistics, NLP/LLM, Computer Vision, and Deep Learning.
- Proficiency in Big Data and MLOps: web scraping, data warehouses, model deployment, and pipelines.
- Specialized in predictive analytics, focusing on the use of advanced statistical models and machine learning algorithms for forecasting and decision making.

**International Exchange Program**, National Central University ☑

Taoyuan, Taiwan

- **GPA: 3.8** | Experience in data mining for biological data: autism classification, sentiment analysis and Graph Neural Networks presentation on Reddit data.
- **Research & Publications:** Conducted a literature review on feature selection techniques and co-authored "A Review of Feature Selection Techniques in Education". Explored Transformer models for advanced data analysis.

**Erasmus + Mobility**, South East Technological University ☑

Waterford, Ireland

- **First Class Honours** | EDA & predictive modeling on Titanic and Tips datasets with up to 90% accuracy, NoSQL database creation for TFI bikes in Waterford, and data visualization in R with NYC flights data.
- **DevOps on AWS:** EC2 instances, S3 buckets, configuration, and achieved automation with Python scripts.

## 📁 Professional Experience

**University Informatics Department**, Lyon 2

present

Student Job at the IT department of the university, help desk, loan of computer and professional audiovisual equipment, teamwork.

**Internship Data Analyst**, SYSBLOCK

Paris, France

- **Dashboarding & Analytics:** KPI derivation from Google Analytics data and interactive dashboards with Power BI.
- **Web Development & Blockchain:** Experience with Next.js for web development and introduction to blockchain technologies.

## 📁 Projects

**Creation of a Logistic Regression R package**

- **Logistic regression package from scratch** :Implemented various optimizers (Adam, mini-batch, SGD) and applied regularization techniques (L1, L2, ElasticNet).
- **Successfully tested on classification tasks** : achieved up to 90% accuracy on StudentPerformance, Creditcard, datasets and achieved similar performance to scikit-learn..

**Projet NLP Analysis of TripAdvisor review**

- **Web Scraping & Sentiment Analysis:** Collected TripAdvisor data with BeautifulSoup and performed sentiment analysis on user reviews. Aggregated comments using clustering techniques.
- **End-to-End Application:** Integrated a SQLite database and connected it to a Streamlit app for enhanced visualization. Deployed as a Docker image.
- **LLM & RAG for Summarization:** Leveraged a Large Language Model (LLM) with Retrieval-Augmented Generation (RAG) to summarize user reviews effectively.

**Project AWS Cloud**

- **AWS Deployment & Scaling:** Successfully deployed a template website on EC2 instances with a connected relational database on AWS.
- **High Availability & Monitoring:** Implemented an Auto Scaling Group with a Load Balancer and set up monitoring using custom CloudWatch metrics.

## 🌐 Languages/References

**Languages:** **French** - Native/Bilingual | **English C1** - Fluent | **Mandarin** - Conversational

**References:** **Bernard Butler**, Pr, SETU | [bernard.butler@setu.ie](mailto:bernard.butler@setu.ie) ☑ | **Liam Doyle**, Pr, SETU | [liam.doyle@setu.ie](mailto:liam.doyle@setu.ie)