



Vincent LABARRE

M2 Data Science student at EURECOM

22 years old, B1 driving license

Active and autonomous - Available from March 2022 for a 6-month internship

Scholarship laureate - Georges Besse Foundation since July 2019

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Website: <https://vingt100.github.io/>

- Contains extended information or reports about my professional experience, education and projects I have done with the source code

Technical Skills

- Programming languages:**
Python (Jupyter, Colab), R (Rstudio), Matlab, Java (Eclipse), SQL
- Machine Learning:**
TensorFlow, PyTorch, PySpark, Keras
- Web Development:**
React/Angular, HTML/CSS/JavaScript
- Operating System:**
Windows, Linux
- Pack Office:**
Word, Excel, Powerpoint

Soft Skills

Rigorous

Curious

Adaptability

Teamwork

Time Management

Languages

- French:** Native
- English:** Fluent (TOEIC score: 940/990)
- Spanish:** Intermediate
- Portuguese:** Beginner

Interests

- Reading:** Philosophy, History, Science
- Teaching:** Math, Physics/Chemistry
Middle/High school levels
- Sport:** Football, Tennis, Kick-Boxing
- Music:** 7-year Rapgenius editor

Experience

Sophia Antipolis (France), 07/2021 to 09/2021 (3 months)

Traffic Road Simulation, Data Analysis – EURECOM & Huawei Munich

- Study of road traffic at the *Bantian Station* in *Shenzhen* (China) with **SUMO**.
- Analysis of the **consistency** between **real** and **simulated** data with quantitative comparison methods and Machine Learning methods (**MMD**) using **Python**.

Suresnes (France), 07/2020 to 08/2020 (2 months)

Data Science Internship - Foch Hospital

- Research of factors (demographic, biological, medication...) that can influence hypothermia during a clinical stay.
- Data analysis & visualization**, **univariate** and **multivariate** analyses on a database containing numerous **variables** and sensitive medical **observations** using **R**.

Évry (France), 10/2019 to 06/2020 (9 months)

Communication department – AFM-Téléthon

- Management and Learning of TeamWork** (TSP* framework); team of 9 people.
- Creation of the **AFM-Telethon youth dynamic** and a **project incubator**.
- Winner** of the « jury's favourite award » during the **pitching festival** (TSP* event).

Education

Master Data Science, EURECOM

Sophia Antipolis (France), 2020-2022

- Machine and Deep Learning, Database Management, Cloud, Image & Signal Processing, Big Data Security, Bayesian Statistics (all courses are given in English)

Digital Engineering School, Telecom SudParis* (TSP) *Évry (France), 2019-2022*

- Telecommunications (Physics, Network, Signal), Computer Science, Mathematics

Preparatory Class, Pierre d'Ailly High School *Compiègne (France), 2017-2019*

- Intensive studies in mathematics, physics and chemistry.
- First year (PCSI): Major. Second year (PC): 3rd in class.

Scientific Bacculaureate with high honours

L'Isle-Adam (France), 2014-2017

Projects

- Mask Wearing Detection (Logistic regression; python)
- Predicting Airplane Arrival Delays (Kaggle, Regressions; python)
- Medical Image Segmentation (Kaggle, Segmentation and CNN; python)
- Text-based Sentiment Analysis (Kaggle, NLP with Transformer; python)
- Time-Series Anomaly Detection using LSTM and GAN (python)
- Website developed with Angular to see statistics about covid19
 - On Google Cloud Platform: Hosting, Storage, Firestore, Authentication
- Android Application development – Inventory Management
 - Android Studio with Kotlin