

# **Vincent LABARRE**

### M2 Data Science student at EURECOM

22 years old, B1 driving license

Active and autonomous - Available from March 2022 Scholarship laureate - Georges Besse Foundation since July 2019

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

### **Technical Skills**

Pack Office:

Word, Excel, Powerpoint

Google Office:

Drive, Google Doc / Meet / Colab

Programming languages:

Python (Jupyter), R (Rstudio), Matlab Java (Eclipse), SQL

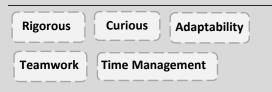
Java (Eclipse), SQL

Machine Learning: TensorFlow, PyTorch, PySpark, Keras

• Web Development:

React/Angular, HTML /CSS /JavaScript

## **Soft Skills**



## Languages

• French: Native

• English: Fluent

• 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, univariate and multivariate analyses on a database containing 400 variables and 10336 sensitive medical observations using the R language.

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

#### Communication department – AFM-Téléthon

- Framework of the Telecom SudParis GATE program (Management and Learning of TeamWork), within a team of 9 people.
- Creation of the **AFM-Telethon youth dynamic** and a **project incubator** with the communication to promote it (social networks, emails, letters).
- 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, Clouds, 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): 3<sup>rd</sup> in class.

Scientific Baccalaureate with high honours L'Isle-Adam (France), 2014-2017

## **Projects**

- Mask wearing detection (Logistic regression; python)
- Predicting Airplaine Arrival Delays (Kaggle, Regressions; python)
- Medical Image Segmentation (Kaggle, Segmentation and CNN; python)
- > Text-based sentiment analysis (Kaggle, NLP with Transformer; 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