



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

Phone: 06.58.93.55.20

Address: 2400 Route des Dolines, B228,
06560, Valbonne

E-Mail: vincent.labarre@eurecom.fr

Linkedin: linkedin.com/in/vincent-labarre/

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

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

Soft Skills

Rigorous

Curious

Adaptability

Teamwork

Time Management

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): 3rd in class.

Scientific Baccalaureate 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)
- 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