

GABRIEL TRUONG

Summer Internship - Data Science / Machine Learning

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Paris, France

GabrielTruong



EDUCATION

Master Degree in Data Science

EPF School of Engineering

2018 – 2023

France

- Machine Learning & Deep Learning
- Algebra & Optimization
- Probabilities & Statistics

EXPERIENCE

Data/BI Analyst Internship

Fnac Darty

September 2021 – January 2022

Paris, France

- Building Database project using graph modelling.
- Analysis of KPI for customer service.
- Time Series analysis and forecasting received calls in call center.

PROJECTS

From POC to Production

School Project

November 2022 – January 2023

Development and Deployment of a Machine Learning model to production. Stack Overflow tag prediction from text and title.

- Model Development (preprocessing, training, prediction)
- Unit Test
- Flask Application for microservices
- Dockerization of the application

Movement recognition using Kinect

HUMAN at home project (HUT)

February 2022 – June 2022

Montpellier, France

Research project on daily movement recognition from Microsoft Kinect input sensors.

- Vectorization of time series data
- Movement recognition using unsupervised learning algorithm (clustering)
- Principal Component Analysis to visualize high dimension vectors

Kaggle Competition

Teads

May 2022 – June 2022

Montpellier, France

Classification learning algorithm to predict auctions that lead to a sale or not.

- Data Preprocessing (collection, cleaning, feature selection)
- Model Selection (Tree Ensemble, LightGBM, XGBoost)
- Model Evaluation (Cross Validation, hyperparameter tuning)

CERTIFICATION

Machine Learning Specialization

Coursera Stanford Online

October 2022

IBM Data Science

EdX

August 2021

SKILLS

Machine Learning Deep Learning
Probabilities Statistics
Optimization Time Series
NLP OOP

Python Java SQL Pandas
Scikit-learn Tensorflow
Keras Docker NLTK Spacy
DataViz Power BI Git
CI TDD

LANGUAGES

English Fluent, Professionnal

Chinese NTNU MTC, Taiwan

HOBBIES

Homebrewing
Homebrewing beer with a scientific approach

Basketball
Competition and Basketball camp at UCLA, USA

Piano
Practice for 10 years, Steinway competition