GABRIEL TRUONG

End of Studies Internship - Data Science / Machine Learning

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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 Prepocessing (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