

VINCENT LE GOUALHER | Data Scientist



»»» Passionate about statistics and machine learning, I have been analysing data and developing models for two years in order to solve problems in various industries.

»»» EXPERIENCE

Data Scientist [CM-CIC Leasing Solutions, Paris](#) | 06/2019 - ../...

- » Worked on residual value forecasting in order to better contract pricing
- » Built a classifier to list business introducers. Improved usability of previous model and increased accuracy by 15 % using random forest algorithm
- » Estimated the cost of material failures with survival analysis for recurrent events
- » Developed an anomaly detection module for the compliance department using LOF, which led to partially automate the process of identifying irregularities

Math Teacher [Secondary school Grandmont, Tours \(FR\)](#) | 09/2017 - 03/2019

Math/English Teacher [Phan Thiết, Việt Nam](#) | Q1/2014 - 08/2016

Software Developer Intern [Hardis, Nantes \(FR\)](#) | 02/2013 - 08/2013

- » Developed the Android blood sugar tracker app ©MobiDiab
- » Oversaw the project from start to finish : design/specification/implementation/testing

»»» EDUCATION

M. Sc. in Statistics & Data Science [ISUP, Paris](#) | 2019 - 2020

- » Theory : deep learning, machine learning, time series, survival analysis, advanced stats
- » Practice : projects available in this repository

Math Education Certification [Tours \(FR\)](#) | 2017

- » Integration, probability theory, algebra, differential calculus, complex analysis

M. Sc. in Engineering [IMT Atlantique \(ex-EMN\), Nantes \(FR\)](#) | 2010 - 2013

- » Computer science : Java/C++/SQL/Bash, software architecture, agile development
- » Emphasis on project management and teamwork | 3-month internship in Vietnam

Bachelor of Mathematics [Rennes \(FR\)](#) | 2008 - 2010

»»» VOLUNTEER WORK

- » Statistician for the French Society of Professional Home Birth Care (APAAD)

»»» REFERENCES & DIPLOMAS

- » Paul Coudret, current manager at CM-CIC Leasing Solutions
- » Floriane Stauffer-Obrecht, president of the above-mentioned society (APAAD)
- » Michel Broniatowski, chairman of the Department of Statistics & Data Science (ISUP)
- » Copies of my diplomas are available in this repository

CONTACT

📍 Paris, France

🇫🇷 French citizenship

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🖱 www.datatrigger.org

🔄 github.com/datatrigger

🌐 linkedin.com/in/datatrigger

SKILLS

- ▶ Machine Learning
- ▶ Deep Learning
- ▶ Distributed Computing
- ▶ Data Visualization
- ▶ Model Explainability
- ▶ Time Series, Reliability
- ▶ Descriptive Statistics
- ▶ Inferential Statistics

TOOLS

🐍 Python

- ▶ Pandas/PySpark
- ▶ scikit-learn/MLlib
- ▶ PyTorch/fast.ai
- ▶ SHAP

📊 R

- ▶ The Tidyverse
- ▶ ggplot2/Shiny
- ▶ stats/caret/survival...

🔗 Others

🗄 SQL

☁ AWS SageMaker

🔗 Git/Bash

✍ Markdown/LaTeX

LANGUAGES

French

★★★★★★★★★★★★

English

★★★★★★★★★★★★★

TOEIC 2020 : 990/990

Vietnamese

★★★★★★★☆☆☆☆