



» 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
- ✉️ [contact@datatrigger.org](mailto:contact@datatrigger.org)
- 👉 [www.datatrigger.org](http://www.datatrigger.org)
- ⌚ [github.com/datatrigger](https://github.com/datatrigger)
- .linkedin [linkedin.com/in/datatrigger](https://linkedin.com/in/datatrigger)

## SKILLS

- ▶ Machine Learning
- ▶ Deep Learning
- ▶ Computer Vision
- ▶ Distributed Computing
- ▶ Data Visualization
- ▶ Model Explainability
- ▶ Reliability
- ▶ Desc. & Inf. Statistics

## TOOLS

- 🐍 Python
  - Pandas/PySpark
  - scikit-learn/MLlib
  - PyTorch/fast.ai
  - SHAP
- 🇷 The Tidyverse
  - ggplot2/Shiny
  - stats/caret/survival...
- leftrightarrow Others
  - SQL
  - AWS EC2, SageMaker
  - Git/Bash
  - Markdown/LATEX

## LANGUAGES

French



English



TOEIC 2020 : 990/990

Vietnamese

