



» Committed to solving real-world problems and to putting models into production, with three years' experience in various industries.

## »»» EXPERIENCE

### Data Scientist

Logitech, Lausanne (CH) | 04/2021 - .....

- » Developed a multivariate time series model with time-varying covariates in order to forecast numbers of customer support tickets by category
- » Updated the estimator of the delay between order and shipment using a custom asymmetric loss, in order to purposefully skew the error distribution.
- » Implemented new process to deploy models into production in order to increase control (environment, versioning), identify drifts and facilitate maintenance using GitHub, Docker and AWS. Several models are now deployed in this framework.

### Data Scientist

Crédit Mutuel Leasing, Paris (FR) | 06/2019 - 03/2021

- » 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
- » Developed an anomaly detection module for the compliance department using LOF, which led to partially automate the process of identifying irregularities

### Math Teacher

Việt Nam/France | 01/2014 - 03/2019

### Software Developer Intern

Hardis, Nantes (FR) | 02/2013 - 08/2013

- » Developed the Android blood sugar tracker app <sup>©</sup>MobiDiab

## »»» 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

### 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 Home Birth Care (APAAD) (2019-2021)

## »»» REFERENCES & DIPLOMAS

- » Denis Zuba, Head of Data Science & Advanced Analytics at Logitech
- » Paul Coudret, Head of Data Science at Crédit Mutuel Leasing
- » Copies of my diplomas are available in this repository

## CONTACT

- 📍 Lausanne, CH
- ✉️ French citizenship
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- 👉 [linkedin.com/in/datatrigger](https://linkedin.com/in/datatrigger)

## SKILLS

- » Data Wrangling
- » Machine Learning
- » Time Series
- » NLP
- » Data Visualization
- » Interpretable ML
- » Reliability
- » Desc. & Inf. Statistics

## TOOLS

- 🐍 Python
- » Pandas/PySpark
- » scikit-learn/MLlib
- » PyTorch/transformers
- » SHAP
- QR
- » The Tidyverse
- » ggplot2/Shiny
- » stats/caret/survival...
- leftrightarrow Others
- ☰ SQL
- cloud AWS ECR/ECS/S3...
- leftrightarrow Shell/Git/Docker...
- pen Markdown/L<sup>A</sup>T<sub>E</sub>X

## LANGUAGES

French



English



TOEIC 2020 : 990/990

Vietnamese

