

Romane LE GOFF

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TECHNICAL SKILLS

Programming: R (RShiny), Python (Matplotlib, Bokeh, Tensorflow, sklearn), SAS, SQL, XML

Data Science Algorithms: Regression (Linear, Multiple Linear, Ridge, Lasso), Classification (Naïve Bayes, KNN, SVM, Decision Tree, Random Forest), Text mining (NLP), Clustering (K-Means, Hierarchical), Deep Learning (RNN)

Public policy: Policy analysis (Experimental economics, Micro-econometrics), Decision making (Cost-Benefits Analysis), Game theory, Content writing

Software: LaTeX, Office package, Elasticsearch, SPSS

EDUCATION

Université de Rennes 1 - ENSAI

Rennes, France

Master in Applied Statistics : Public Evaluation & Decision Making

Sept 2020 – Expected to graduate in 2022

- European Master in Official Statistics

University of Plymouth

Plymouth, United-Kingdom

Mathematics and Economics BSc., Year 3 (Erasmus)

Sept 2019 – May 2020

Université de Bretagne Occidentale

Brest, France

Mathematics and Computer Sciences Applied to Human and Social Sciences BSc., Year 1 & 2 *Sept 2017 – May 2019*

- Mention "Bien" - Equivalent to 2:1 honours

EXPERIENCES

Data visualisation internship

26/04/21 – 23/07/21

Atlantic Maritime Prefecture

Brest, France

- Created automated dashboards for the Commander of the Defence Base and for the Social Action of the Armies (ASA) with R Shiny and Elasticsearch, which became to be a great asset in their day-to-day work.
- Carried out a study using ASA data that determined the best location for the construction of a military nursery on the defence base, while highlighting the main familial trends in the area.

Management control internship

Jan 2019

Joint Mobility Support Centre (CIMob)

Brest, France

- Two-week internship where I surveyed the CIMob employees in order to draw a cartography of the indicators generated daily by the management controllers. (softwares used: Excel, Powerpoint, Word)

PROJECTS

Academics | *R-Python*

2020-2021

- Bokeh application tracing the evolution of weightlifting competitions (1960-2016). ([GitHub](#)). *Made with Python*
- Web application designed for fully interactive data visualisation, mapping, graphing and statistical tables on deliveries and stocks of COVID-19 vaccines at the beginning of 2021. ([Vaccins-COVID19](#)). *Made with RShiny*
- Modelling Coronary Artery Disease with Bayesian Network, in order to understand the diagnoses in this disease better. ([GitHub](#)) *Made with R and LaTeX*

Personnal | *Python*

2021

- Creating Conventional Neuronal Networks that classify and label images from 16,000 coloured images in order to split them into 3 main categories and 17 subclasses. ([GitHub](#)) Conducted in the frame of an online course ([365DataScience](#)). *Made with Python (Tensorflow)*

ABOUT ME

Languages: French (native language), English (C1), Spanish (B1), Italian (A2)

Unique experiences: 2020 BUCS Cross Country Championships in Edinburgh ; 2021 Saint-Pol - Morlaix half-marathon