

Tanguy LEFORT

MASTER 2 BIOSTATISTICS

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Profil

📅 20 years old
🚗 Driving licence (B)


Data scientist - Biostatistics


Degrees and schools

Since Sept. 2019 **Master Biostatistics**
[University of Montpellier](#) Montpellier
Theoretical and applied statistics and probabilities.
Classification methods (population and variables),
component analysis, survival analysis etc. Master
1 project on the modelisation of queues using
Poisson processus.


From Sept. 2016 **Bachelor in mathematics**
to Jun. 2019 [University of Dijon](#) Dijon
Bachelor with honours. Started in mathematics-
informatics with a DEUG with high honours then
specialized in applied mathematics (numerical
analysis and probabilities). Bachelor project on a
skeletonization algorithm to fulfill a gamma-ray
surgery.


Languages

English 
Bilingual

Spanish 
Beginner

Softwares and general abilities

Data analysis 
CART, (semi)parametrical models, PCA (and
variants), scoring and rebuilding, Kaplan-
Meier, Accelerized survival model and Cox
model.

**R / Python / Git / Bash /
Markdown** 
Statistical and stochastic algorithms,
modeling with interactivity using Shiny.
Creation and gestion of libraries (Python
and R) and their documentation (API and
gallery). Usage of PyTorch, pandas and
common libraries in R/Python.

LaTeX 

Work experience

From July 2020 **Internship on the PyKeOps package**
to Aug. 2020 [University of Montpellier](#) (under the supervision of
[Benjamin Charlier](#)) Distance (COVID19)
Rewrite and adapt Scipy's Fortran conjugate gradient
routine for symbolical matrices in PyKeOps.
Benchmarking using Ridge-Tikhonov regularization.
Introduction to optimal transport problems and
contribution on batch-handling for the GeomLoss
package.

2018 **Municipal employee**
[Technical services](#) Villeneuve sur Yonne
Summer job as a town employee : from green spaces
to masonry.
In August 2018 and the summer of 2019.

From 2017 to 2018 **Private lessons in mathematics**
Dijon
Private lessons in mathematics for end-of-highschool
scientific students.