

# Tanguy LEFORT

## MASTER 2 STUDENT - INTERNSHIP IN BIOSTATISTICS

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### Profil

🚩 French  
📅 20 years old  
🚗 Driving licence (B)


*Student in data science / biostatistics*  
*Looking for an end-of-studies internship*


### 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**  Intermediary

### 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 **Private lessons in mathematics**  
2018 Dijon  
Private lessons in mathematics for end-of-highschool  
scientific students.