

Tanguy KERDONCUFF | Engineer

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Born: 28/11/1995

Talented French engineer, in his last year of his thesis in **computer science**,
looking for a job in Artificial Intelligence around **February 2022** in **Paris**.

Education

Masters of Science at Telecom SudParis – One of France's highest ranking engineering schools <i>Telecom SudParis, 9 Rue Charles Fourier 91000 Evry</i>	Paris 2015–2018
<ul style="list-style-type: none">Best student of the promotion, getting the best marks out of all 200 studentsFinal year : Specialization in Data Science: Big data, Machine learning and Statistics	
French preparatory courses for the highly selective competitive entrance to Engineering Schools <i>La Martiniere Monplaisir, 41 Rue Antoine Lumiere, 69008 Lyon</i>	Lyon 2013–2015
<ul style="list-style-type: none">Mathematics, Physics and theoretical Computer Science	

Professional experience

Hubert Curien Laboratory – Thesis: Optimal Transport for Machine Learning <i>Supervisor: Marc Sebban, 18 Rue du Professeur Benoît Laurus 42000</i>	Saint-Etienne 2018–today
<ul style="list-style-type: none">Publications in the best Artificial Intelligence conferences: IJCAI 2020 (Rank A*), ICML 2020 (Rank A*), ML Journal in partnership with ECML-PKDD 2021 (Rank A).Supervision of an internship on fraud detection in collaboration with the french public finance department (DGFIP)Teaching in university: Python (L1), Probability (L3), Algorithmic (M1), Machine Learning (M1)Contribution to the open source package POT: Python for Optimal Transport	
Hubert Curien Laboratory – Deep Learning (internship) <i>Supervisor: Rémi Emonet, 18 Rue du Professeur Benoît Laurus 42000</i>	Saint-Etienne February–September 2018
<ul style="list-style-type: none">Semantic segmentation with a convolutional neural network in Pytorch	
GlaxoSmithKline – Clinical Data analysis (internship) <i>Supervisor : David-Olivier Azulay, Stockley Park, UB11 West Drayton</i>	London July–September 2017
<ul style="list-style-type: none">Visualization with the R package ggplot of the correlations between different laboratory measurementsGraphical representation of clinical trials using a Latex package	

School related projects

Object tracking in 3D space with MATLAB using two cameras	2017–2018
Image recognition applied to robotics during the French Robotic Cup	2016–2017
Kaggle classification competition Give Me Some Credit <i>Kaggle: an online platform for predictive modelling competitions</i>	January–March 2017
<ul style="list-style-type: none">Various classification methods with Scikit Learn library: Random Forest, AdaBoost, SVM and K-means	
Member of the robotic club INTech in Telecom SudParis:	
<ul style="list-style-type: none">9th out of 150 competitors at the French Robotic Cup Eurobot (2016)	2015–2016

Computing Skills

Data Science oriented languages and tools:
<ul style="list-style-type: none">Programming languages: Python (Pytorch, Keras, Scikit Learn, OpenCV), R (ggplot, dplyr), Matlab, Latex, SASOther Tools: Git, SQL, Excel.
Other languages:
<ul style="list-style-type: none">Programming languages: Bash, Java (JavaFx), C, Camel

Languages

French: Native Speaker **English:** C1 Cambridge certification (2019), TOEIC 930 (2017) **German:** Basic German skills

Spare time

- Subject of interest: Economy, politic, science, social science, critical thinking
- Hobbies: Video game, Magic the Gathering, badminton, electronic music, fantasy reading