

Alexis PISTER

PhD student in dynamical social networks analysis (Inria & Telecom Paris)

[in linkedin.com/in/alexis-pister-4748a4109](https://www.linkedin.com/in/alexis-pister-4748a4109) github.com/AlexisPister

+643713665 @ Alexis.pister@hotmail.com

31 Boulevard du Marechal Joffre, 92340 Bourg-la-Reine

Born the 10th of November, 1996



EDUCATION

- 2019 - 2022 PhD in analysis and visualisation of **historical dynamical social networks**, Inria Saclay & Telecom Paris, University Paris-Saclay
- 2018 - 2019 Master of **Artificial Intelligence**, Lyon 1 University
- 2016 - 2019 Engineer degree in **Bioinformatics and modeling**, INSA Lyon
- 2014 - 2016 Bachelor in biology (2 years), Sorbonne University, Paris

WORK EXPERIENCES

- August 2019
February 2019 R&D internship in machine learning applied to Natural Language Processing (NLP), MONDECA, Paris
 - > Comparative study and optimization of machine and deep learning algorithms for **named entity recognition** tasks on large corpora
 - > **Alert detection** on text corpus with word embedding and machine learning algorithms
 - > Use of **graph embedding** methods for triplets classification in a knowledge graph
 - > Development of features for a text annotation software

Java Python Scikit-learn Keras
- August 2018
May 2018 Research internship in Image processing and radiomics, IMIV/INSERM/CEA, Orsay
 - > Realization of an **MRI standardization pipeline** which is now **used for research purposes**
 - > Computing and analysis of **radiomic features** of MRI images

Python R Bash

COMPUTER SKILLS

- Programming Python, R, Java, C++, Latex, Bash, HTML, CSS, Javascript
- Frameworks Numpy, Pandas, Scikit-learn, Keras, Pytorch, Spacy, Flask, D3JS
- Databases SQL, Triplestores
- Operating systems Linux, Windows
- Softwares Git, Maven, Subversion, Knime, LIFEx

SIDE PROJECTS

- TROLL-D 2019
 - github.com/AlexisPister/Troll-d
 - Machine learning study for the detection of troll messages. The best model is hosted in the cloud
 - Scikit-learn Flask HTML
- VAD-DEEP 2018
 - github.com/AlexisPister/VAD-Deep
 - Voice Activity Detector system which detects frames of speech in audio samples with a deep neural network
 - Python Pytorch

LANGAGES

- French ● ● ● ● ●
- English ● ● ● ● ○
- Spanish ● ● ● ○ ○

+ HOBBIES

- > **Music** : Bass guitar, piano and electronic music
- > **Sports** : Running, tennis
- > **Reading** : Novels, newspapers, comic strips
- > **Volunteering** : Un Doua de Jazz Festival
- > **Other** : Rock Roll dancing