



Hugo Thimonier

PhD Candidate in Computer Science

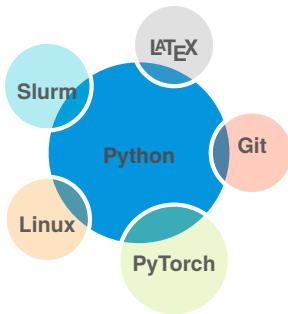
Address

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Contact

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LinkedIn
Github
Personal site

Programming



Languages

French ★★★★★
English ★★★★★
Russian ★★★★★
Spanish ★★★★★

Personal Skills



Experience

- 02/21 - now **PhD Candidate in Computer Science** [Centrale-Supelec, LISN, Paris](#)
Machine Learning and Explainability - Application to Fraud Detection. Currently working on Anomaly Detection for tabular datasets using TracIn an influence score function. Paper under review.
- 06/20 - 11/20 **Deep Learning Scientist Intern** [L'Oreal Research & Innovation, Paris](#)
Developed a post-processing model to enforce temporal consistency in videos which were processed frame by frame using non-transform equivariant image-trained algorithms. Paper was accepted at the oral of ICME 2021 (preprint : [arXiv:2103.07278](#)).
- 06/19 - 09/19 **Data Scientist Intern** [Gecina, Paris](#)
Commentary classification using LSTM networks.
- 10/18 - 05/19 **Data Science Project** [Galeries Lafayette, Paris](#)
I constructed a procedure that allows to detect influencers on Instagram. The methodology is based on graph theory (centrality measures), sentiment analysis and involved data scrapping on Instagram.

Education

- 2020 – 2021 **University Diploma** [Sorbonne University, Paris](#)
Russian
- 2018 – 2020 **Master of Science in Statistical Engineering** [ENSAE, Palaiseau](#)
Data Science, Statistics and Learning
- 2015 – 2020 **Normalien - Fonctionnaire Stagiaire** [Ecole Normale Supérieure \(Paris-Saclay\)](#)
- 2016 - 2018 **Master's Degree in Economics** [Paris School of Economics, Paris](#)
Master Analysis and Policy in Economics (APE)

Interests

- Sports and interests **Running, Tennis, Football, Fishing, Chess, Russian XIXth century literature, music production**
- Machine Learning **Computer Vision, XAI, Anomaly Detection, Imbalanced Learning**
- Volunteering **Mathematics Teacher at Institut Villebon Georges Charpak (2019-2020)**