Anne Gagneux

21 · 07 · 1998 | Lyon, France

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EDUCATION

- 2022-2023 | **ENS Paris-Saclay**, MSc in Machine Learning (MVA)

  Optimization, inverse problems, computational statistics, optimal transport, generative modeling, kernels methods.
- 2019-2023 | **École des Ponts ParisTech**, Major in Applied Mathematics and Computer Science

EXPERIENCE

- October 2023-Now | Lyon | **PhD, supervised by Rémi Gribonval (INRIA Lyon), Mathurin Massias (INRIA Lyon) and Emmanuel Soubies (IRIT, CNRS) :** *"Properties of proximal operators-learning neural networks"*

- April 2023-September 2023 | Lyon | **Research internship in nonconvex optimization supervised by Mathurin Massias and Emmanuel Soubies :** *"Improving sparse penalties with non convexity and coefficient clustering"*

- Mars 2022-Juillet 2022 | Paris | **Public policy internship with Renaud Vedel, Coordinator of the National Strategy for Artificial Intelligence**.

- June 2021-December 2021 | Paris | **Applied research internship in computer vision at Sitowie.**

  Automatic generation of 3D models from aerial photographs and facades.
  Collaboration with a research team (3 people) and a software development team (4 people).

SKILLS

- **Languages** : English, french.
- **Coding** : Python (PyTorch, Tensorflow, Jax), C++, R, Git.