# Alexandre Kempf

## Senior Data Scientist / MLops

## INFORMATION

👤 31 years old

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🌐 https://alex-kempf.fr

open source ❤️

## LANGUAGES

🇫🇷 mother tongue

🇬🇧 fluent

## SKILLS

**code**

pytorch, numpy/scipy, python
SQL, HTML, CSS, javascript, svelte

**archi/MLops**

Git, docker, CI/CD, GCP, AWS, restAPI

**softwares**

notion, slack, inkscape, GIMP, blender

**tooling**

ruff, black, flake, pytest, agile methods

## MISCELLANEOUS

web design, guitar, volleyball, badminton, sailing, videogames

## EXPERIENCE

**now** ● **Senior Product Engineer (open source)**
*DVC, Iterative.ai (California, US) -- 100% remote*
Feature development and maintenance of DVC and DVClive
Laid off for a pivot on DVCx

**2024**
**2022** ● **Machine Learning Lead R&D**
*Lixo (Paris, France) -- 100% remote*

Real time waste detection for circular economy

SOTA object detection, classification, segmentation, tracking, SSL.

Co-Lead a team of 6 datascientists.

Created the MLops pipeline from dataset creation to production.

**2022**
**2018** ● **Machine Learning in computer vision**
*Pandascore (Paris, France) -- 100% remote since 2020*

Real time Classification/detection on esports data.

SOTA classification, object detection, tracking, MCTS.

Developped and maintained ~30 models in production.

Created the MLops pipeline from image collection to production.

**2018**
**2015** ● **PhD in machine learning and neurosciences**
*UNIC, CNRS (Gif-sur-Yvette, France)*

Computer vision (cell segmentation) on large microscopy videos.

Image processing and data clustering on neuronal activity.

4 scientific papers in international journals.

## EDUCATION

**2018** ● **PhD in machine learning and neurosciences**
*UNIC, CNRS (Gif-sur-Yvette)*
Non-linearities in the mouse auditory system.

**2015** ● **IMALYS master in neurosciences and modelisation**
*École Normale Supérieure, Paris*

**2013** ● **Bachelor in biology and modelisation**
*École Normale Supérieure, Paris*

## PERSONNAL PROJECTS

Develop python tools or app to help family and friends

Web development (HTML multiplayer games, svelte libraries)
All open sourced and available on github

Tutoring in S3 summer school (in Crotia) for 3 years
*Supervised students for a scientific project for 2 weeks*

Organized a videogames competition for charity