# Henri Jamet

#### Student researcher in Machine Learning

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github.com/hjamet

#### Profile

• Researcher

• Loves Python & LATEX • Data Scientist

• Machine Learning Engineer

### **EXPERIENCE**

#### • ML Student Researcher

### Tom Capital

- Statistical & Deep models for financial prediction
- Cluster management
- Feature analysis
- Dash interface for model supervision

### 31/01/2022

- **16.02.2023** ongoing
- Othmarstrasse 8008 8, Zürich

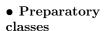
## **EDUCATION**

#### • Engineering school

SCIA (Machine Learning & Datascience) Major NLP LRE Electiv Research Laboratory



Epita, **PARIS** 



Admitted to Ecole 42 and MPSI-MP preparatory classes 2018-2020

Sainte Marie ANTONY

2015-2018

General Baccalaureate (Honors)

Awarded at the Engineering Olympiad

Lycée Louis le Grand, PARIS

## OTHER

- C++/Python
- Python/Torch
- Python/Dash
- Java
- C++

- A chess engine based on a neural network evaluated at 2200 elo
- Competition RecSys: Recommendation system for a commercial site
- Statistical presentation of the results of the SCEI competition
- Multi-agent genetic algorithm for finding the best
- Re-implementation of a Unix shell, Malloc, Libstream and Makefile

# ABOUT ME

Age: 23 years old, born 31.01.2000

Interrests: Chess 1950 Elo;

Climbing 7A;

Pianist, Organist, Cellist, Composer and Concertist (CEM, DEM, more than 16 years of practicing)

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" Passions do less harm than boredom, for passions always tend to decrease, while boredom always tends to increase. "

# LANGUAGES

Below, the dots represent my daily use of each concept

 $C2^*$ French NativeEnglish TOEIC~960German B2 Baccalaureat level

Python LATEX/Shell C/C#/C++/Java/HTML5/CSS/SQL

\_\_\_\_\_ Pandas/Numpy Sklearn/Tensorflow/Pytorch/Dash

Django/Tkinter



## TOOLS I USE

- Organization & note taking: Obsidian & Notion
- **Programming**: VsCode, Jupyter, Git

Henri Jamet Page 2

### **PUBLICATIONS**

### Arxiv publications

• A benchmark for toxic comment classification on Civil Comments dataset

Authors: Corentin Duchene, Henri Jamet, Pierre Guillaume, Reda Dehak Link to the article

#### Videos of Scientific Popularization

• Learning continuous molecular descriptors by translating equivalent chemical representations

Authors: *Henri Jamet* Link to the Youtube video

Axiomatic Attribution for Deep Networks

Authors: *Henri Jamet*Link to the Youtube video

#### Miscellaneous Articles

• Natural Selection, Evolution & Multi Agent Systems

Authors: *Henri Jamet* Link to the article

• Popularization article on the usual learning protocol for statistical models

Authors: Henri Jamet Link to the article

• Small study of cellular automata

Authors: *Henri Jamet* Link to the article

• Axiomatic Attributions for Deep Networks

Authors: *Henri Jamet* Link to the article



Figure 1: https://henri-jamet.notion.site/