

Henri Jamet

Student researcher in Machine Learning



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Profile

- Researcher
- Loves Python & L^AT_EX
- 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

04.10.2021 - 31/01/2022

16.02.2023 - ongoing

Othmarstrasse 8, 8008 Zürich

EDUCATION

• Engineering school

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

2020 - 2023

Epita, PARIS

• Preparatory classes

Admitted to Ecole 42 and MPSI-MP preparatory classes

2018-2020

Sainte Marie ANTONY

• General Baccalaureate (Honors)

Awarded at the Engineering Olympiad

2015-2018

Lycée Louis le Grand, PARIS

ABOUT ME

Age: 23 years old, born 31.01.2000

Interests: 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

French C2* Native

English TOEIC 960

German B2 Baccalaureat level

Python

L^AT_EX/Shell

C/C#/C++/Java/HTML5/CSS/SQL

Pandas/Numpy

Sklearn/Tensorflow/Pytorch/Dash

Django/Tkinter

REFERENCES

- Dr. Christian Gloor
- Steven Van Winkel
- Dr. Reda Dehak

To avoid giving out these people's contact details on the internet, please ask me for their contacts.

OTHER

• C++/Python

A chess engine based on a neural network evaluated at 2200 elo

• Python/Torch

Competition RecSys : Recommendation system for a commercial site

• Python/Dash

Statistical presentation of the results of the SCEI competition

• Java

Multi-agent genetic algorithm for finding the best path

• C++

Re-implementation of a Unix shell, Malloc, Libstream and Makefile

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/>