

# Yann MILLET

## Data Scientist/Machine Learning Intern

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🖱 Portfolio

### Professional Experience

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#### Web Developer Intern, Neofacto [🔗](#)

06/2022 – 08/2022

- Developed a showcase website from nothing using Vue.js, nuxt.js, HTML/CSS & Javascript.
- Accompany my successor to take over & pursue my work.
- Work hands to hands with Communication & Marketing services to fulfil their expectations.

Esch-sur-Alzette,  
Luxemburg

### Projects

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#### NeRF - Computer Vision, Creator

12/2022 – present

- Understand functioning of NeRF.
- Analysis of research papers about NeRF breakthrough and improvements.
- Implementation of a NeRF & Fine-tuning of it.
- Present our work in front of a group of Deep Learning teachers & PhD Doctorate Students.

#### Success Analysis (NLP) on Instagram content, Researcher

01/2023 – present

- Build/Train/Fine-tune an NLP algorithms in Python to analyse posts & comments.
- Clean/Visualize data.
- Create/Organize the training & testing databases (23 000 posts & 790 000 comments).

#### KRYPTOSPHERE®, AI Division [🔗](#)

02/2022 – present

- Work with other groups of students on our own AI projects.
- AI courses & MOOC.
- Hackathons

#### Prediction of Forest Fire surface extent, Creator

10/2020 – 03/2021

- Use of Scikit-learn Python library to build a Support Vector for Regression (SVR) algorithm to predict fire extent with more than 95% of precision.
- Data Cleaning & Pre-Processing (retrieved from a raw csv file).
- Present my work in front of a jury composed of mathematics & physics teacher.

### Education

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#### M.S. Computer Science, Télécom SudParis [🔗](#)

09/2021 – present

##### Relevant courses

France

- Computer Vision & Deep Learning (NeRF, PyTorch, Python)
- Statistics, Applied Statistics, Data Analysis, Probability, Optimization
- Databases (SQL)
- Software Engineering (Java, UML)
- Automatic learning & Data Mining
- Stochastic processes
- Numerical simulations

## "Classes Préparatoires", Lycée Kléber

3 years of very intense Mathematics, Physics & Computer Science studies, as part of the French system. In this system, students work very hard to prepare for nationwide contests which determine which French high Engineering school they are accepted in.

09/2018 – 06/2021

Strasbourg, France

### Skills

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#### AI / Machine Learning

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Python libraries (PyTorch, TensorFlow, Keras, Scikit-Learn, Matplotlib, Pandas), Network architectures (MLP, CNN, RNN, GAN),

#### Programming Languages

● ● ● ● ●

Python, SQL, Java, C, Bash

#### Mathematics

● ● ● ● ●

Probability, Statistics, Applied Statistics, Optimisation

#### Soft skills

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Teamwork, Decision making, Organizational skills, Self-motivation

### Courses

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#### Deep Learning with TensorFlow & Keras,

Udemy MOOC 

- NumPy, Pandas, Seaborn
- Machine Learning Overview
- Theory & Practice on different network architectures: ANN, CNN, RNN, NLP, AutoEncoders, GAN
- Deployment with Flask API

#### Ethical Hacking: Pen-testing & Web Security,

Udemy MOOC

- Kali Linux & correlated tools (Metasploitable, Wireshark)
- SQL Injection
- CSRF, LFI, RFI, XSS Flaws
- Security configurations

### Interests

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#### Music Production

Vocal Mixing, Mastering, & Beatmaking

#### Sports

Decathlon, Volley-ball, Street-workout

#### Instruments

Guitars (Acoustic, Classic, Electric, Bass), Piano

### Languages

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#### French (Native)

C2

#### English

C1

#### German

B1

#### Russian

A1