

# Yann MILLET

## Machine Learning Intern

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📺 milletyann    🖱 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.

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

02/2022 – present

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

#### Personalized voice mail using GAN, Creator

11/2022 – present

The goal of this project is to create a text-to-speech network that will be used as my phone voice mail, with my voice.

- Gathering samples of my voice (still running)
- Made research about GANs & VAE

#### 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
- Software Engineering (Java, UML)
- System Programming (C, Bash, C++)
- Data & AI, Data Mining, Data Pre-Processing

## "Classes Préparatoires", Lycée Kléber [↗](#)

09/2018 – 06/2021

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.

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, GAN, VAE, RNN, U-NET),

#### Programming Languages

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Python, Java, C, C++, SQL, Bash

#### Mathematics

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Probability, Statistics, Applied Statistics, Optimisation

#### Soft skills

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Teamwork, Decision making, Organizational skills, Self-motivation, Emotional Intelligence

### 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

### 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