

Yann MILLET

Machine Learning Intern

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📺 milleyann 🖱 Portfolio

Profile

Currently enrolled in a Master of Science in Computer Science at Télécom SudParis (Polytechnic Institute of Paris) with an AI specification, and further looking to pursue a PhD in Artificial Intelligence at the Polytechnic Institute of Paris, I'm looking for a role where I can grow and learn from experienced team members while drawing on project experience I have already gained.

Professional Experience

Web Developer Intern, Neofacto [🔗](#) 06/2022 – 08/2022
Esch-sur-Alzette, Luxembourg

- 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.

Projects

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 AI, 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 vocal synthesis models

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

M.S. Computer Science, Télécom SudParis [🔗](#) 09/2021 – present
France

Relevant courses

- 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

Strasbourg, France

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.

Skills

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

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

Music Production

Vocal Mixing, Mastering, & Beatmaking

Sports

Decathlon, Volley-ball, Street-workout

Instruments

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

Languages

French (Native)

C2

English

C1

German

B1

Russian

A1