Yann MILLET

Machine Learning Intern

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▦ milletyann   ↖ 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,
                                                        Luxemburg
- 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 css file).
- Present my work in front of a jury composed of mathematics & physics teacher.

Education

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)
- Automatic learning & Data Mining
- Stochastic processes & Numerical simulations

"Classes Préparatoires", *Lycée Kléber* ⧉   09/2018 – 06/2021
3 years of very intense Mathematics, Physics & Computer Science studies, as part of   Strasbourg, France
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   ● ● ● ● ○
Python libraries (PyTorch, TensorFlow, Keras, Scikit-
Learn, Matplotlib, Pandas), Network architectures
(MLP, CNN, RNN, GAN),

Programming Languages   ● ● ● ● ○
Python, Java, C, C++, SQL, Bash

Mathematics   ● ● ● ● ○
Probability, Statistics, Applied Statistics,
Optimisation

Soft skills   ● ● ● ● ○
Teamwork, Decision making, Organizationals 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