


Erwan DAVID


Graduate student
at Arts et Métiers Institute of Science and Technology

PROFILE

I'm respectful of rules and altruistic, curious and eager to challenge myself. Hard work, teamwork and courage are my core values.


CONTACT

 1 impasse Pors Raden
22560 Trébeurden, FRANCE

 +33 6 86 31 09 41

 ed.erwandavid@gmail.com




 <https://loic.website/erwan/cv>

 <https://www.linkedin.com/in/erwan-david-etudiant/EN>

SKILLS

Web development (HTML, CSS)
Python (Numpy, Matplotlib, Keras, Sklearn ...)
Catia 3DEXPERIENCE, Solidworks
Excel

Languages :

 French : native language
 English : advanced (C1 level)
 German : intermediate level (B1 level)

INTERESTS

Swimming
Scuba diving (level 1)
Drone piloting («drone loisir» certification)

ACADEMIC BACKGROUND

2022

 **Stanford** ONLINE
 DeepLearning.AI

Specialization in machine learning

In addition to the courses at Arts et Métiers, I am taking Andrew Ng's (Stanford professor) online courses on: supervised learning, unsupervised learning, reinforcement.

2021 - 2024

Lille



Arts et Métiers Institute of Science and Technology (ENSAM)

Engineering student. Main modules:

- **Mechanics and industrial engineering, power supply**
- **Computer science**
- Group work on industrial design and production
- GPA: 4 - Grade: A.

2019 - 2021

Versailles



Lycée Sainte-Geneviève

Intensive program preparing for competitive entrance examinations to top engineering colleges.

GPA: 3,79 - Grade: A.

Mathematics, Physics, Engineering Sciences.

2016 - 2019

Lannion



(Lycée) Félix Le Dantec High school

French scientific Baccalaureat with high honors with concentrations in English-language European section.

EXPERIENCE

June 2022

– July 2022



1st year engineering internship

I was a developer in a project of visualization of road accidents for the French Ministry of the Interior. I programmed in **python** an algorithm of surface density calculation (**KDE**) and clustering (**DBSCAN**) with **SKlearn**.

September 2021

- January 2022



Artificial Intelligence IT project (at ENSAM)

As part of a group project in **artificial intelligence** using **python** as programming language I created neural networks with **Keras**.

September 2020

- June 2021



Mechanics project on rain gauges (at Sainte-Geneviève)

I programmed error detection programs using **python** and designed on Solidworks and 3D printed an anti-debris filter.

VOLUNTEERING

September 2021

- June 2022



La main à la pâte - Volunteering

I sensitize primary school children to science with hands-on experiences.

September 2019

- June 2020

ARPEJ 78 - Volunteering

I helped high school students with academic difficulties to give them self-confidence and develop their autonomy.