# Pierre LAVIELLE, 22 years old

### 3rd year of the computer engineering cycle

### Specialized in AI

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- French
- driving license
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## Profile

Computer engineering student specialized in the field of artificial intelligence, machine learning & big data.
Passionate in building efficient and secure AI models in order to solve real-world problems.

## Skills

- **Programming language:** Python, Appscript, C, C++, C#, Java, Javascript, Html, PostgreSql, Ocaml, Wordpress
- **Operating systems:** Windows, Linux
- **Collaboration platforms:** Github, Microsoft Teams
- **IDE:** Vim, Vscode, Emacs, Rider and intelij IDEA

## Personal Interests

- **Travels**:
   Italy, Prague, Spain and Kingdom of Bahrain
- **Hobbies**:
   Chess, Reading et Bodybuilding

## Soft-Skills

- Team spirit
- Punctual
- Reliable
- Curious
- Flexible

## Languages

**French**:
Mother tongue
**English**:
Proficient : (TOEIC : 915)

## Realized Projects

- Music Generator – Python : Creating an AI to produce/continue a melody
- OCR Sudoku – C : optical character recognition and sudoku solving
- PFEE – Python : AI with football player recognition to generate statistics during a match
- Tiger – C++ : Creation of a compiler
- JWS – Java : Creation of a server backend
- E/place – Javascript : Creation of a website similar to r/place requiring a proxy, an API and an Open ID provider
- Intensive programming weeks : Java,C,C++,SQL,Javascript

## Personal Projects

- Arduino Project : Design, assembly and programming of an on-board embedded system for obstacle detection on a car model
- Web Project : Creation of a website with a AI embedded in it

## Professional Experiences

07/2023-08/2023

**1st Level Seller | Tridôme :**  Narbonne

09/2024-02/2025

**Cybersecurity Analyst | Cybelangel :** Paris

internship of 2nd year of engineering cycle

## Education

01/2023 – 06/2023
**Ahlia University** : Manama (Kingdom of Bahrain)
Semester abroad

09/2020 – 07/2021

**Lycée Saint Joseph – La Salle** : Toulouse
Baccalaureate: Specialties Physics-Chemistry and Math – high honours

09/2021 – 07/2026

**EPITA** : Toulouse, Lyon
Computer Science Study : 2 years of integrated preparatory course followed by 3 years of engineering cycle