

IMBAULT Kenji

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🚗 Driver's License

🔗 <https://github.com/KenjiImbault>

📅 2001-04-04

Profile

Engineering student specialized in Industrial Engineering. Worked in a team, both professionally and during my studies. Also able to work independently, as demonstrated in multiple personal projects. Excited to apply the theoretical knowledge learned to real-world challenges, and to learn more in the field.

Education

Master of Science in Industrial Engineering and IT

Polytech Marseille [🔗](#)

2021 – 2024

Marseille, France

Higher School Preparatory Classes in Technology and Industrial Sciences

High school Jean-Baptiste Dumas [🔗](#)

2019 – 2021

Alès, France

Bachelor of Science and Technology in Industry and Sustainable Development

High school Jean Henri Fabre [🔗](#)

2017 – 2019

Carpentras, France

Professional Experiences

Implementation of a machine simulator for a digital infrastructure

Fraunhofer Innovation Platform for Advanced Manufacturing [🔗](#)

Created and implemented a machine simulator OPC UA server in C# to create a digital twin of a shop floor

Created the game logic of the Unity model of the shop floor

2023-06 – 2023-08

Enschede,

The Netherlands

Shelf stacking

E. Leclerc [🔗](#)

2022-06 – 2022-08

Carpentras, France

Projects

Beer Distribution Game

Worked in a team of 5 to make a Beer Distribution Game in JavaScript

Role: Programmer

2022 – 2023

Mechanical study of an exoskeleton

2020 – 2021

Motorized bench for tensioning paraglider ropes

Worked in a team of 4 to make a bench to tension the ropes of a paraglider

Role: Project Manager - Programmer

2018 – 2019

Technical Skills

Python (SymPy, numpy...) | **MATLAB** (MATLAB, Simulink...) | **C#** | **HTML & CSS** | **SQL** | **OPCUA**

Operating Systems (Windows, Linux, Android)

Other skills

Control theory | **PLCs** (Ladder diagram, GRAFCET) | **Scheduling** | **Project management**

Quality management | **Financial accounting**

Languages

French (Native) | **English** (TOEIC, C1)

Certificates

Driver's License | **Zyxel ZCNP Foundation - v1.0 EN** [🔗](#) | **Zyxel ZCNP Security - v1.0 EN** [🔗](#) | **TOEIC** (975/990)

Interests

Aikido (Practised Aikido for +6 years in a club) | **Running** (Trail running for 1 year)