ENZO CHERIF
ENGINEER

+33 6 95 38 77 89
enzocherife@gmail.com
Enzo Cherif

Massy, Essonne, France
enzocherif.github.io

SUMMARY

Engineer in a dual degree program: INP Toulon (National Polytechnic Institute) and Master's in Robotics & AI. My cross-disciplinary expertise allows me to tackle complex technical challenges involving mathematics, embedded systems, and software development. Curious, rigorous, and highly adaptable, I am seeking to contribute to innovative international projects in cutting-edge industries.

WORK EXPERIENCE

Renault Group / Ampere   Guyancourt | France   **March 2025 – August 2025**
Intern – Automation Tools Developer

- Reduced processing time from 1–2 weeks to 30 seconds with an estimated error rate of 1% by automating complex Excel file handling using Python (Pandas, NumPy) and VBA macros.
- Designed user interfaces with Tkinter and developed tools tailored to engineers' needs, including automated generation of deliverables (Word, PowerPoint) with optional email dispatch.
- Contributed to the Software-Defined Vehicle (SDV) project, within the Power Distribution & Activation unit:
  - Developed diagnostic XML screens for fault detection using DDT2000.
  - Performed functional testing on bench and PIE (Integration and Testing Platform) using CANoe.

TFII, KMUTNB   Bangkok | Thailand   **April 2024 – August 2024**
R&D Intern

- Programmed the TI F28335 board to optimize energy management using Buck and Boost converters.
- Created and revised hands-on lab guides to improve laboratory procedures and enhance student learning.
- Participated daily in an international environment, promoting both technical and cultural exchanges in English.

EDUCATION

Master's Degree in Mechatronics and Robotics Engineering   **2022 - 2025**
INP (National Polytechnic Institute) Toulon | Toulon, France
Graduated top of class in scientific disciplines

MSc in Robotics and Artificial Intelligence   **2024 – 2025**
University of Toulon | Toulon, France
GPA: 3.8 / 4.0

Classes préparatoires aux grandes écoles (PT/PTSI)   **2019 – 2022**
Lycée Parc de Vilgénis | Massy, France
Ranked 4th in class

SKILLS

- Programming: Python, C/C++, Java, SQL, VBA MATLAB/Simulink, HTML/CSS/JS, Bash
- Tools: Suite Microsoft 365, Git, LaTeX, SolidWorks, Catia, CANoe, SharePoint, ROS
- Python Libraries: Pandas, NumPy, Tkinter, OpenPyXL win32com.client , Scikit-learn, TensorFlow, Keras
- Certifications : Machine Learning – FreeCodeCamp

- **Soft Skills:** Rigor, autonomy, adaptability, teamwork, analytical thinking
- **English:** Professional proficiency (TOEIC B2+)
- **Spanish:** Intermediate (B1 level)
- **Interests:** Combat sports (8 years of practice), Travel and cultural immersion, French savoir-faire (luxury, design, and innovation)