



VILLEJUIF, 94800 FRANCE
ELOUARN.PRO@MAILLO.COM
+33 7 83 08 63 40
LINKEDIN.COM/IN/ELOUARN-DE-KERROS
WIRE4WONDERS.ME

TECHNICAL SKILLS

ROBOTICS & AUTOMATION

- ROS2, SLAM, Autonomous Navigation
- NVIDIA IsaacSim, WeBots, ROBOGUIDE
- Multi-sensor Data Fusion, Control Systems

PROGRAMMING LANGUAGES:

- Python (NumPy, Pandas, PyTorch, Tianshou)
- Bash
- C / C++
- Java, C#, VHDL
- HTML, CSS, JavaScript, Svelte

DESIGN & SIMULATION:

- SolidWorks (3D Modeling, Mechanical Design)
- Altium Designer (PCB Design)
- Unity3D, Blender

DEVELOPMENT TOOLS:

- Linux, Git, Docker
- STM32CubeIDE, µVision
- Vivado, Multisim, Modelsim
- PyCharm, Visual Studio Code

DATABASES & WEB:

- SQL (MySQL, SQLite)
- HTML, CSS, JavaScript, Svelte

LANGUAGES

- English: Experienced level (C1)
- Japanese : Beginner level (N3)
- German - Polish : Notions

CERTIFICATIONS

- ETS TOEIC 945 / 990 - ETS, 2023
- Certificat Voltaire 655 (Pro) - 2022
- Control Design OnRamp with Simulink - Matworks, 2025
- Reinforcement Learning OnRamp - Matworks, 2025
- Matlab OnRamp - Matworks, 2022
- Simulink OnRamp - Matworks, 2021

ROBOTICS ENGINEER | FRESH GRADUATE WITH HANDS-ON PROJECT EXPERIENCE

ELOUARN de KERROS

PERSONAL PROFILE

Recent Robotics Engineering graduate with proven ROS2, C++ and project experience. Passionate about humanoid cobotic and autonomous systems.

EDUCATION

Master's Degree - Robotic Systems and UAV

EFREI Paris | 2019 - 2025

- Specialization: Robotics, AI, Software Development
- Exchange: AGH University of Krakow (Sept-Dec 2022)

WORK EXPERIENCE

Robotics Engineer

Audensiel Technologies | June 2024 - January 2025

- Led complete revitalization of 15-person autonomous vehicle project, engineering power systems, sensor integration, and SLAM-based navigation while developing modular software architecture and contributing to open-source ROS packages.

ES Technical Support Engineer

Footbar | November 2022 - March 2023 / July 2023 - August 2023

- Resolved complex technical issues and deployed sensor reconditioning process during crisis management.

PROJECTS

Vektor-E

ENS Paris - Saclay | November 2023 - March 2024 | 6 members

- Developed autonomous vehicle (1/10 scale) for ENS Paris-Saclay competition.
- Led LiDAR integration and RL implementation.

Robacabana

EFREI Paris | May 2023 - July 2023 | 8 members

- Developed POC for a robotic supermarket cart.
- Coordinated hardware implementation as team leader.

CIRQ-E

EFREI Paris | June 2022 - July 2022 | 6 members

- Delivered an embedded authentication device for secure premises.
- Executed micro-controller and sensors integration.

STAYS ABROAD

- Japan : 3-month volunteerships Aug. 2023 - Nov. 2023
- Poland : 4 months immersion Sept. 2022 - Dec. 2022
- Germany : 1 month immersion July. 2018 - Aug 2018