



Romain DARDE

Robotics Engineer

Seeking a full-time position in Robotics / Software engineering.

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www.romaindarde.com

23 years old

LANGUAGES

French

Mother tongue

English

Fluent - C1 level

Spanish

Intermediate - B1 level

HOBBIES

New technologies

Embedded Systems, AI & IoT

Maker projects & DIY

Web development

Sport

Basketball, Running, Gym

COMPUTER SKILLS

C++, C, Python, ROS1 & ROS2

GitHub, VS Code, SolidWorks (3D & Electrical), Matlab

STRENGTHS

Proactive

Conscientious

Collaborative

Persevering

Eager for challenges

SOCIAL NETWORKS

@romain-darde

@romain-darde-78807b19b/

EDUCATION

Robotics Engineering Program

Polytech Sorbonne - Paris - From Sept. 2023 to Sept. 2026

Erasmus academic exchange semester

ETSII - Seville - From Sept. 2025 to Feb. 2026

Master's Program (MULCIA): Logic, Computer Science, and Artificial Intelligence.

Preparatory Class - Mathematics, Physics and Engineering Sciences

Lycée Alphonse Daudet - Nîmes - From Sept. 2021 to July 2023

INTERNSHIPS

Embedded Systems

STANLEY ROBOTICS - Paris - From Mar. 2026 to Sept. 2026

- Contributed to functional safety architecture (PL/SIL levels), network architecture (CIP Safety, TCP Modbus), component integration and electrical development for STAN mobile robots.

Industrial Robotics

ROCHE MECA - Nîmes - From Apr. 2025 to Jun. 2025

- Contributed to the integration of a FANUC M-10iD12 robotic cell for machining high-precision industrial parts.

ADDITIONAL EXPERIENCES

Founder & Full-Stack Developer - Personal Project

DIRD (Pépité Sorbonne) - Paris - Since Oct. 2024

- Designed, developed, and deployed a live B2B2C event management web platform (Next.js / React, NestJS / Node.js, TypeScript, PostgreSQL, TypeORM).
- www.dird.fr

Complete Renovation of an Apartment

Personal Project - Nîmes - From Oct. 2024 to Aug. 2025

- Executed all hands-on apartment renovation (electricity, plumbing, carpentry), physically and mentally demanding, which required rigor and perseverance.

Study Room Supervisor - Student Job

Sorbonne University - Paris - From Oct. 2024 to Apr. 2025

Versatile Employee - Student Job

Kinopolis Cinema - Nîmes - From Aug. 2021 to Jan. 2025

- Cashier, restocking shelves, and facility maintenance.

IT SKILLS AND PROJECTS

Portfolio

- www.romaindarde.com

Real-time orientation control on STM32 (Zephyr RTOS, C, ROS2)

- Developed in C a multi-threaded PID control loop made thread-safe with mutexes, including hardware integration (I2C IMU, encoder, motor).

Deburring cell (Ladder, UniLogic, PLC)

- Industrial Project: designed and programmed an automated ABB IRB 1100-4/0.58 robotic cell for industrial deburring.

Writing Robot (SolidWorks, Arduino)

- Modeled the mechanics in SolidWorks and programmed the hardware (Arduino, actuators) to convert digital inputs into physical writing.