

1 à 3 ans d'expérience

Réf : 260805134010

Firmware engineer

Ma recherche

Je recherche tout type de contrat, dans toute la France, dans le Batiment.

Formations

09/2024 : Bac +5 à Carthage National Engineering University

Mechatronics Engineering degree

Expériences professionnelles

09/2025 - à ce jour :

Consultant - Automation Engineering chez Coatex Technology sur Dartmouth

Developing ladder code for Siemens PLCs, integrating industrial sensors (proximity, pressure, level, encoders) with PLC-controlled systems, implementing motion control for motors/drives/actuators, debugging and optimizing production lines, ensuring compliance with industrial standards.

01/2025 - à ce jour :

Embedded Systems Engineer chez Aies Research Groups sur Truro

Developing CAN bus and ISOBUS-compatible ECUs for agricultural and automotive machines (STM32 - C), field installation and configuration of cameras, industrial computers, CAN modules and pumps, developing GPS-RTK feedback mapping system, creating Qt-based HMI for real-time visualization.

01/2024 - 05/2024 :

Firmware Engineering Internship chez Stmicroelectronics

Ported libssh2 to the STM32 ecosystem, developed an IoT demo client with SFTP using LWIP, libssh2 and FreeRTOS, designed FreeRTOS tasks/queues/synchronisation, collaborated with hardware engineers to integrate firmware on STM32 platforms.

06/2023 - 08/2023 :

Firmware Engineering Internship chez Stmicroelectronics

Studied Ethernet IP registers for STM32H7, performed bare-metal programming to update Ethernet driver, enhanced STM32CubeMX graphical interface.