Embedded System Engineer

Tunis · 0 à 1 an d'expérience · Réf. 2608251944

Ma recherche

Contrat recherché : Tout contrat
Zone : Toute la France
Mobilité : sur toute la france
Rémunération : A étudier
Secteur : Bâtiment

Formations

2026-07-31 — Bac +5 — Higher Institute of Computer Science El Manar (ISI)
Master's Degree in Intelligent Systems and IoT
2024-06-30 — Bac +3 — Higher Institute of Computer Science El Manar (ISI)
Bachelor's Degree in Embedded Systems and IoT

Expériences professionnelles

2026-02-01 - 2026-07-31 — Automation of OQC testing

Automated OQC functional tests for a gateway product using Python and Playwright, improving testing efficiency and reducing manual intervention.

2025-09-01 - 2025-12-31 — SmartCare – Intelligent assistance for the elderly

Developed an IoT based system using a smart camera to monitor elderly people remotely. Implemented fall detection with OpenCV and TensorFlow Lite, and created a Wi Fi notification system that alerts caregivers when abnormal events are detected.

2025-03-01 - 2025-04-30 — Smart trashcan project

Developed a smart trash can capable of automatically identifying plastic, paper and cans using a camera based image classification system. Trained a TensorFlow/Keras deep learning model and integrated the classification system to automatically sort waste into appropriate compartments.

2024-01-01 - 2024-06-30 — Smart collar for cows (internship)

Developed a smart collar for real time monitoring of cow behavior using embedded sensors. Implemented LoRaWAN communication for low power long range data transmission and integrated the system with ChirpStack on a Raspberry /Pi for data collection and device management.

2023-10-01 - 2023-12-31 — Smart surveillance camera project

Designed and developed a compact enclosure integrating an ESP32 CAM and a PIR motion sensor for smart surveillance. Implemented motion detection, automatic image transmission via a Telegram bot for real time remote notifications.

Langues

Arabe (Langue maternelle), Français (Courant), Anglais (Courant)

Atouts

Collaboration and teamwork, Flexibility and adaptability, Curiosity and technological monitoring, Analysis and problem solving, C/C++, Python, Java, VHDL, Arduino IDE, VS Code, CubeIDE, MQTT, CoAP, HTTP, LoRa, ChirpStack, ESP32, Raspberry Pi, STM32, Arduino (hardware), FPGA, Machine Learning (ML), Deep Learning (DL), OpenCV, TensorFlow, SPI, CAN, I²C, UART/USART, RS232, Test Automation, Playwright (test framework)

Fiche anonyme — l'identité et les coordonnées du candidat sont communiquées aux recruteurs qui en font la demande sur pmebtp.com.