# Electronics & Embedded Systems Engineer – Seeking Work  Study Program

18000 Bourges · 0 à 1 an d'expérience · Réf. 260303154505

## Ma recherche

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

## Formations

2027-09-30 — Bac +5 — Institut National des Sciences Appliquées Centre Val de Loire
Engineering Degree in Industrial Risk Management – Advanced Systems
2026-09-30 — Bac +5 — École Nationale des Sciences Appliquées (ENSA) Kénitra
Diplôme d'ingénieur en Électronique et Systèmes Embarqués

## Expériences professionnelles

2026-04-01 - 2026-09-30 — Electronics Reliability Engineering Assistant
Developed a Python (PySide6) supervision application for an industrial weighing machine, integrated CAN communication, diagnosed sensor  supervision sync faults, performed functional analysis and FMECA using the FIDES method.
2025-02-01 - 2025-02-28 — Secure LIDAR Tracking System on STM32 – Project
Sized onboard power chain, designed power & control electronics, characterised measurement chain with VNA and validated dynamic behaviour via LTSpice/MATLAB.
2024-05-01 - 2024-09-30 — Assistant Engineer – Embedded Control Systems (Cruise Control)
Designed firmware architecture for a PIC16F818 in assembly, performed PCB design with MBSE, defined test and validation procedures complying with ISO /26262 safety requirements.
2023-05-01 - 2023-09-30 — Assistant Engineer – Reliability Study of an Electronic System
Acquired and processed sensor signals on Raspberry /Pi/ARM, wrote maintenance procedures for auxiliary equipment, calculated MTBF and failure  rate indicators.
2022-06-01 - 2022-09-30 — Ingénieur assistant – Hardware & Régulation industrielle
Designed PCB for a circuit  breaker control board, developed sequential logic (Grafcet) and low  level drivers, integrated reliability analysis and failure  rate modelling.

## Langues

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

## Atouts

C, C++, Python, Rust, LADDER, R, Java, VBA, RTOS, VHDL, Verilog, Altium Designer, TIA Portal, LTSpice, AutoCAD, SysML (Modelio), ProteusVSM, SCADA, MATLAB, PSCAD, ETAP, Packet Tracer, GitLab, Power BI, Arduino, ESP32, Raspberry Pi, PIC 8/16, STM32, ARM, HAZOP, AMDEC, APR, Arbres de défaillance, Analyse fonctionnelle, Analyse de fiabilité (MTBF, R(t)), FIDES 2022, DOE, EN /50126 / EN /50128 / EN /50129, ISO /9001, IEC /62380 / IEC /61508, ISO /14001, ISO /45001, Formation en conception et installation de réseaux électriques, Formation en conception de cartes électroniques

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