

Electronics & Embedded Systems Engineer

31100 Toulouse · 0 à 1 an d'expérience · Réf. 2607241550

Ma recherche

Contrat recherché : Tout contrat

Zone : Occitanie

Mobilité : sur toute la région

Rémunération : à étudier

Secteur : Batiment

Formations

12/2026 — Bac +5 — INSA Toulouse

Electronics & Control Systems Engineering (Critical Embedded Systems – SIEC)

12/2021 — Bac — Collège Notre Dame de Louaizé – Lebanon

Scientific Baccalaureate – Highest Honours

Expériences professionnelles

02/2026 - 08/2026 — Embedded Systems Engineering Intern

Safety critical automotive embedded development on a production programme (hardware security, ESE/HSM, MAC/AES) under ISO /26262, SPI T=1 fault diagnosis, secure flash tooling (Python/Java), CI/CT pipeline integration (Jenkins, Bash/Python), software interface validation, AUTOSAR training, requirements traceability (IBM DOORS), international Agile collaboration (Jira, GitHub).

07/2025 - 09/2025 — Industrial Automation & Robotics Intern

Design and commissioning of collaborative robotic cells (RoboDK), PLC programming (ladder / structured text) for automated lines, servo synchronisation and motion timing optimisation.

Langues

French (maternelle), English (maternelle), Arabic (maternelle), Spanish (courant)

Atouts

C / C++, Python, VHDL, ADA, Bash, Java, Lustre / SCADE, Assembly (ARM, x86), LaTeX, STM32 (HAL, bare metal), ESP32, PSOC, FreeRTOS, SPI (incl. T=1), I2C, UART, LoRa, NFC, CAN (awareness), ARINC /429 (awareness), KiCad (schematic + routing), LTSpice, Analog filter design (Butterworth, Sallen Key), PCB layout, RF link & antenna matching, Power electronics & regenerative systems, DC DC converters (buck, boost, LDO), Signal conditioning & ADC front end design, VHDL/FPGA design, ISO /26262, DO 178B/ C / ED 12, AUTOSAR (RTE / BSW / MCAL), SCADE / Lustre formal methods, MATLAB / Simulink, RoboDK, Creo, Blender, ESE / HSM hardware security, MAC / AES secure flash tooling, Jenkins (CI/CT pipelines), Git / GitHub, Jira, IBM DOORS, VSCode / Visual Studio, Oscilloscope & Logic analyser, Multimeter & Bench Power Supply

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