Stagiaire en systèmes embarqués et intelligence artificielle

44200 Nantes · 0 à 1 an d'expérience · Réf. 250721122946

Ma recherche

Contrat recherché : Tout contrat
Zone : Pays de la Loire
Mobilité : sur toute la région
Rémunération : a étudier
Secteur : Batiment

Formations

09/2024 — Bac +5 — Polytechnic Engineering School, University of Nantes

Master 2 Embedded Electronics and Artificial Intelligence Technologies Advanced embedded systems design: development of hardware and software architectures. Applied Artificial Intelligence: implementation of machine learning algorithms for electronic systems. Prototyping and validation testing: electronic solutions through simulations and laboratory experiments. Implementation of digital filters in C.

08/2024 — Bac +3 — University of Nantes

Master 1 Electronics, Electrical Energy, and Automation EEEA Design and development in C and Python for smart devices, sensors, actuators, and integrated systems on Arduino. Analysis of multi-physical properties (thermal, electrical, etc.) of electronic systems. Writing technical research reports.

08/2021 — Bac +3 — University of Rwanda

Bachelor’s Degree in Electronic and Telecommunications Engineering Electronic engineering: design and development of electronic products. Microcontroller programming and communication system studies.

Expériences professionnelles

12/2021 - 09/2023 — Repair Technician

Diagnosed and repaired PCB control equipment for solar panel battery systems. Applied specific processes for battery control (charging and discharging) to estimate capacity. Used Bboxx software and internal tools to program control units. Utilized Python to monitor battery networks via PCB connected to a Raspberry Pi. Conducted validation tests on battery networks. Performed maintenance and repairs on electronic equipment within a team of four technicians.

12/2020 - 12/2021 — Data Scientist

Collaborated with technical and functional teams to define project goals and requirements. Collected data on Rwandan populations using or lacking access to electricity (thermal or solar) and integrated it into a database. Implemented Big Data solutions to efficiently manage the increasing volume of available information.

07/2018 - 01/2019 — Radio Frequency Engineer

Diagnosed and resolved technical issues with radio equipment using appropriate tools such as mixers. Followed validation test procedures to ensure proper equipment functionality before deployment.

Langues

Anglais (maternelle), Français (courant)

Atouts

Programming, Dev & testing on microcontroller boards, PCB design, Teamwork, Communication, Web-based software engineering, Microsoft Offices

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