



Job description: At UniSCool, we are seeking a highly skilled and motivated engineer specializing in electronics and control systems to join our team. The ideal candidate will have experience in the design, development, and implementation of electronics and control systems for industrial applications, but also on the chip performance assessment.

Job title: R&D Firmware/Electronic Engineer

Responsibilities:

- Design and develop electronic control systems for industrial applications.
- Design of the electronic control boards, creating schematic diagrams, selecting components and laying-out physical PCBs
- Perform analyses and simulations to ensure the feasibility and efficiency of designed systems.
- Implement and test prototypes to ensure compliance with quality and performance standards.
- Collaborate with a multidisciplinary team to integrate control solutions into complex projects.
- Document technical specifications, test procedures and results.
- Diagnose and troubleshoot technical issues in existing systems and propose improvements.

Job location: Lleida, Catalonia, Spain

Work schedule: full time, 40 hours/week, flexible schedule.

Job Requirements:

- **Degree or master's degree in Electronics Engineering, Control Engineering, or a related field.**
- **Experience in the design and development of electronic control systems.**
- **Experience with electronic design.**
- Knowledge in Hardware diagnostic and computer architecture will be highly valued.
- In-depth knowledge of microcontroller programming, PLCs, and embedded systems will be valued.
- Knowledge on data centre infrastructures will be valued.
- Experience in electronic laboratory.
- Experience in KiCad, Altrium or EasyEDA.
- Python, C, C++.
- Knowledge in software such as Linux kernel debugging will be valued.
- MATLAB, LabVIEW will be valued.
- Fluent English.

Skills:

- Communication skills.



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- Hands-on skills.
- Practical mindset.
- Strong problem-solving and troubleshooting skills.
- Result oriented.

If you meet these qualifications and are excited about the opportunity to work on innovative projects in a dynamic environment, we would love to hear from you.

Please send your CV to jerome.barrau@uniscool.tech.



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