R&D Validation - IC Validation - II

About the company

QPlox Engineering is a leading technology company specializing in innovative solutions for IoT frameworks, instrumentation systems, and test automation. Our clients are major multinational enterprises and local companies from automotive, semiconductors, RF, consumer electronics. We are committed to pushing the boundaries of technology and providing our clients with cutting-edge solutions. Our dynamic team thrives on collaboration, creativity, and continuous learning.

Job Description

As an IC hardware Validation Developer, you work on innovative solutions involving low current and temperature sensing devices with NFC and digital interfaces, as well as system-on-chip designs featuring ARM Cortex processors and machine learning engines with multiple interfaces and peripherals.

Key Responsibilities

- Collaborate with the Validation and Verification (V&V) Lead and the validation team to develop and execute IC validation tests.
- Define, implement, document, and execute test cases according to the V&V plan, ensuring quality, reusability, and maintainability.
- Develop and maintain an automated validation regression suite, integrating new validation test cases into the system.
- Provide efficient and clear validation results reporting.
- Work closely with V&V engineers, design engineers, and product engineers to ensure alignment across teams.
- Follow a structured approach to project development, including proposing effort estimates and planning in collaboration with the V&V Lead.
- Adhere to established engineering processes within the department and project.
- Regularly report progress and the status of assigned developments.

Location: Leuven, Belgium. Occasional visit to Netherlands

Required Skills and Experience:

1. **Programming Expertise**:
   - Proficiency in Python, particularly in structured programming.
   - Experience with C/C++ programming for low-level or embedded software development aimed at hardware control.

2. **Hardware and Measurement Knowledge**:
   - Familiarity with measurement techniques and equipment to ensure accurate and reliable results.
   - Strong understanding of System-on-Chips (SoCs), particularly their functional interactions.
3. **Validation and Design Skills**:
   - Experience or keen interest in the verification and validation of SoCs.
   - Background in VHDL/Verilog coding, simulation, and FPGA synthesis is advantageous.
   - Insights into signal processing systems are a strong plus.
4. **Compliance Standards**:
   - Experience working in organizations adhering to ISO9001 and CMMI standards is an asset.

Personal Attributes:

- Quality-focused with a proactive and creative mindset.
- Strong organizational skills and a structured approach to problem-solving.
- Effective communicator with excellent English language proficiency.
- Capable of working independently or as part of a team.

We offer

- An attractive salary package with extra benefits. A high tech, multicultural and young ambient. A fast track in a growing company. Formation in multidisciplinary environment plenty of learning opportunities.
- Work schedule**:** Full-time.

Contact

Send your CV and application letter detailing their experience and qualifications to jobs@qplox.com with the subject ¨**R&D Validation - IC Validation - II** ¨**.**