Verification and Validation Engineer (f/m/div.)
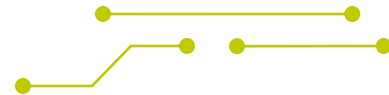
Career level: Young professional, professional   **Hybrid work**   **Full time**

Location: Barcelona   **Industry:** Mobility, medical engineering, railway technology

What to expect

Exciting projects await you, in which you will help shape the digital world of tomorrow.

Enthusiasm for new technologies and cross-industry methodological expertise characterize our work. Our success is based on our innovative strength, mutual trust, appreciative cooperation, diversity and responsibility. You can look forward to a great team.

Job description

– Understanding SW interfaces requirements, SW/HW interface requirements and overall SW requirements for electronic control units (ECUs) in collaboration with software developers

– Development of test specification based on requirements, of test framework and independent libraries to automate functionalities

– Test execution based on test specification and integration within CI/CD toolchain

– Testing software for different builds and reporting observed anomalies

– Documentation of test results and quality assurance of all test documents via review

– Working with Application Lifecycle Management (ALM) environment

– Sequence development using tools for Test Automation

– Continuous Integration Software Testing, ensure the quality of new releases

Qualifications

– Experience in software development & programming, either model-based development with Matlab/Simulink or hand code like C/C++, Python is desirable

– Desirable Tool knowledge: Polarion, MATLAB/Simulink, TPT, Simulink Test, Jenkins, Tessy, Google Test, VectorCAST

– Knowledge of CAN-Bus, I2C, SPI and / or other Bus protocol, familiarity with V-Model, SPICE, ASIL and MISRA

– Diagnosis Tools: CANoe/CANalyzer/CANape, dSpace ControlDesk, AutomationTest, SimulinkTest

– Analyze complex systems, test & review software & functions in the automotive, aviation, medical technology; plan test strategies, execute tests & represent results including suggestions for improvement, active participation in our innovation management

– Strong awareness of quality-oriented, standard-compliant work after development process for safety-critical systems

– **Education:** completed studies Electrical or Mechatronics Engineering, Computer Science, Mathematics or comparable.

– **Languages:** fluent English, German is a plus

Job offer