Hefei-Test Operations测试工程师-43003236

**Company:**Mobility Asia Smart Technology Co., Ltd.

**City:**Hefei

**Posting Date:**01-Sep-2022

**岗位描述/Department Mission**

* The E/E-Integration department empowers the Volkswagen group's R&D network and its brands' products in China. The overall goals are the successful function integration of hard- & software developments in China and yielding of new enabler technologies for future mobility for China.

**主要职责/Your Responsibilities:**

**Technical key words (at least 3 words): Flashing; Test Execution; Test Report; Failure Management; Ticketing; Hardware in the Loop**

* Your main responsibility is the execution of test order on schedule and reporting test result and quality of test cases.
* You will maintain test instances (Hardware in the Loop, System HIL, Breadboard) regarding Device Under Test (DUT) version update and SW flashing
* Review and analysis of specifications to derive test cases, creation and development of test concepts and architecture for test cases as well as tracking and reporting on implementation status are within your area of responsibility
* You are responsible for preparing and setting up the test environment and ensuring test readiness
* Initial operation of control units and functions on the test bench, coordinating incoming tests to determine and report on test readiness and test worthiness are also part of your duties
* You are in charge of the initial operation of test cases, evaluation and documentation of test results of test runs including backup and versioning of all relevant test results (test case results, measurement data, test report etc.)
* Defect management and result reporting is also within the scope of your responsibilities

**岗位要求/Required Qualification:**

**Education:**

* Master- or Diploma degree in in electrical engineering, computer science, automotive engineering, mechatronics or equivalent (with a focus on software engineering, automotive engineering/vehicle electronics)

**Professional Experience:**

* 3 years of experience in testing and test infrastructure application
* Expert knowledge in the field of testing regarding processes, methods, tools

and technology

Experience in reporting, ticketing systems such as KPM

* Deep understanding of automotive processes & procedures
* Deep knowledge of test processes and testing of networked vehicle functions
* Knowledge in HiL (Hardware in the Loop) test automation and using dSPACE Controldesk
* Knowledge in a programming language, e.g. C, C++, Java, Phyton
* Knowledge of ECU Test/ EXAM or others test automation tools
* Deep knowledge in bus tracing and signal analysis with CANoe, CANanalyzer
* Experience in agile working methods (e.g. SCRUM, SAFE, etc.)
* A certification according to "ISTQB® Certified Tester - Foundation Level” is required
* A certificate in IREB® Certified Professional for Requirements Engineering - Foundation Level (CPRE-FL) would be an advantage
* Good vehicle function knowledge

**Skills:**

* High ability to solve problems
* Highly structured, analytical and self-organized
* Highly team-oriented

**Language:**

* Good command of spoken and written English
* Basic German helpful