



# Visteon®

*Shift your career into high gear*

**Requisition Number:** 15760

**Post Date:** March 22, 2018

**Title:** System Simulation and Test Engineer

**Location:** China

**Description:** System Simulation and Test Engineer

### About Visteon

Visteon is a global technology company that designs, engineers and manufactures innovative cockpit electronics products and connected car solutions for most of the world's major vehicle manufacturers. Visteon is a leading provider of instrument clusters, head-up displays, information displays, infotainment, audio systems, SmartCore™ cockpit domain controllers, vehicle connectivity and the DriveCore™ autonomous driving platform. Visteon also supplies embedded multimedia and smartphone connectivity software solutions to the global automotive industry. Headquartered in Van Buren Township, Michigan, Visteon has approximately 10,000 employees at more than 40 facilities in 18 countries. Visteon had sales of \$3.15 billion in 2017. Learn more at [www.visteon.com](http://www.visteon.com).

Visteon is an equal opportunity employer committed to a culturally diverse workforce.

### Our Vision

A top-three cockpit electronics player delivering a rich, connected cockpit experience for every car from luxury to entry

## SYSTEM SIMULATION AND TEST ENGINEER – CHINA

### Your Responsibilities

- General understanding of testing concepts and test strategies for ADAS and AD systems
- Transform requirements and system use cases analysis into test specifications and sequences
- Implement test sequences on the required test environment with open possibilities for any technologies or scripting languages for automation
- Run and debug test scripts on the required systems under test and manage all debugging activities with minimum support
- Support bench testing with hardware, simulation and automated tests
- Develop vehicle simulation models for HIL and SIL/MIL environments
- Deploy vehicle models on real-time HIL simulators
- Report test executions and results to project leaders with clear matrices

- Debug and fix any blocking issues with test benches or rigs to keep projects deliveries on time; or, collaborate with external parties for fast responses
- Participate in the process of maintenance, configuration and adaptation of system test suites for different functions
- Support in establishing the Agile mindset and philosophy of testing
- Establishing ASPICE process across the projects responsible related to SW qualification and validation

### **Demonstrated Skills and Abilities**

- University degree in electronics, computer science, automation engineering, electrical engineering or similar
- Five years of work experience in SW or system testing
- Very good in ROS, C/C++, Python; knowhow in Matlab Simulink in automotive embedded area
- Experienced using DSpace HIL Systems (preferably DSpace Scalexio)
- Experience with Agile development and testing (SCRUM, TDD or scaled versions in Agile)
- Experienced using DOORS, RTC, RQM or similar tools
- Previous experience as simulation or simulation test engineer
- Experience using Linux environment and managing packages in test rigs
- Ability to understand requirements and transfer that into scenarios, test cases or testable scripts
- Flexible, dependable, self-starter that is capable of learning about new products and technologies
- Readiness to take up activities to support the team and the project in time
- Exhibits a positive attitude and confidence to handle risks associated with testing
- ISTQB or ISEB certification is desirable
- Knowledge of vehicle simulation tools (VIRES VTD, Carmaker, etc.) is an advantage
- Research and/or development experience with ADAS or AD domain is an advantage
- Excellent oral and written communication skills in English (required) and German (good to have)
- Ability to work in an international environment with a distributed team structure
- Self-motivated / self-starter with the ability to find creative solutions

### **Apply for this Position**

If you are interested in applying for this position, send your resume to [lzhang5@visteon.com](mailto:lzhang5@visteon.com), and include the requisition number in the subject of your email.