Visteon®

Shift your career into high gear

Requisition Number: 15818
Post Date: March 22, 2018
Title: Software (SW) Function Developer, Automated Driving
Location: China
Description: SW Function Developer, Automated Driving

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.

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

SW FUNCTION DEVELOPER, AUTOMATED DRIVING – CHINA

Your Responsibilities

- Development of functional code for active safety systems in automated driving
- Develop methods for automated testing and automated evaluation of driver assistance features in simulated environment or using real data
- Refactor code and implement HMI requirements for driver assistance systems and safety systems
- Ensure MISRA compliance and test coverage for function and planning code
- Coordinate defect reports with separate function owners

Requirements

- BSc, MSc, or PhD in one of the following fields: computer science, cybernetics, mathematics, physics, driver assistance

- Expertise in active safety systems or other automotive fields
- Good knowledge in Agile software development, especially Scrum
- Expert knowledge in Linux, C/C++, ROS, and vehicle communication networks such as CAN or Flexray
- Expert knowledge of automotive development processes, ISO26262 or SAE J3016
- Analytical problem solving skills and outstanding mathematical understanding
- Motivation to work in a global project team and ability to take on responsibility
- Knowledge in English or German language is required. Chinese knowledge is a plus.

Apply for this Position

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