



Visteon®

Shift your career into high gear

Requisition Number: 85818

Post Date: Feb. 20, 2018

Title: ADAS Function Developer (Traffic Jam)

Country: China

Description: ADAS Function Developer – China

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

ADAS FUNCTION DEVELOPER, TRAFFIC JAM

Typical Duties

- Apply situation assessment for automated emergency braking and lane departure protection in customer vehicle.
- Evaluate HMI interaction for these features and final parameter adaption for the Chinese market.
- Coordinate requirements regarding these features with research partner and discuss milestones.
- Coordinate defect reports with separate function owners.
- Develop methods for testing and evaluating automated driving features.
- Interact with a multidisciplinary team and work together for common goals.
- Support the integration and validation team in their work.
- Support the release of safety functions in the customer vehicle.
- Support the configuration management and communicate feature release plan.

Requirements

Years of Experience: Three plus (3+) years of work experience in automotive manufacturing environment

Degree Strongly Preferred: BSc, MSc, or PhD in one of the following fields: computer science, cybernetics, mathematics, physics and driver assistance.

Desired Competencies/Experience

- Expertise in automotive shown in one of the following fields: automated driving, driver assistance, path planning, functional safety or active safety systems.
- Good knowledge in Agile software development, especially Scrum.
- Knowledge in Linux, C/C++, ROS, and vehicle communication networks such as CAN or Flexray.
- Ideally you have basic 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 is required.
- Publication or patent record in automotive is a plus.
- Experience representing a company in meetings / interactions with external customers / regulatory agencies.
- Must be able to effectively work with little or no immediate supervision on several different projects at one time and meet the required deliverables on time, per specifications / standards, and on budget.
- This role is required to travel, mainly to the U.S. (Detroit) and Germany.

Special Requirements

Flexibility in working hours to work with a global team may be required. Some flexibility for global travel is important.

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.