



Visteon®

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Requisition Number: 15773

Post Date: March 22, 2018

Title: ADAS System Integration Engineer

Location: China

Description: ADAS System Integration 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.

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 SYSTEM INTEGRATION ENGINEER – CHINA

Your Responsibilities

- Work with ADAS test vehicles on a daily basis
- Implement and integrate ADAS software components into the ECU boards of test vehicles
- Implement, integrate and adapt sensors (camera, radar, lidar, IMU, etc.) into vehicles
- Implement, integrate and adapt platform control components and computer equipment inside the vehicles
- Conduct debugging and functional analysis on system and component level
- Create and update technical documentation and reports
- Transfer system specifications and requirements to integration work
- Execute integration checks including integration check drives to verify work
- Document changes on test vehicles
- Create and update circuit diagrams

- Provide software integration support for complex ADAS features
- Cooperate with test engineers and prepare systems for verification tasks

Requirements

Degree strongly preferred: Bachelors of Science in engineering or degree in informatics, electrical engineering, system engineering, computer engineering or similar.

Desired Competencies/Experience

- Accurate and detailed working scheme
- Experience with Agile development, test driven development and continuous integration
- Experience with Linux and QNX
- Experience with middleware and software frameworks like ROS and DDS
- Very good C/C++ knowhow, preferable in embedded/automotive area
- Research and/or development experience in robotics, automated driving and distributed systems
- Experience in developing and debugging object-orientated software in a real-time, embedded, multi-processor, multi-interface environment, preferable in automotive area
- Experience with electric design tools, reading and drawing of circuit diagrams
- Experience with MATLAB/Simulink
- Experience in working as integration engineer for test systems/prototypes
- Self-motivated/self-starter with the ability to find creative solutions
- Experience working in global teams

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.