



Visteon®

Shift your career into high gear

Requisition Number: 15646

Post Date: April 20, 2018

Title: Vehicle Execution Designer

Location: China

Description: Vehicle Execution Designer

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

VEHICLE EXECUTION DESIGNER – CHINA

Your Responsibilities

- Develop ADAS software requirements and components for vehicle communication specifications (CAN, Flexray, Ethernet).
- Develop requirements and software for diagnostics components and services.
- Implement/develop C code and state machines based on software requirements.
- Configure and alter necessary AutoSAR stacks for test vehicles and prototypes.
- Develop/Integrate AutoSAR compliant software for ADAS application components.
- Efficiently maintain software change requests and issue tracking.
- Comply with functional safety requirements (ISO26262).
- Model-based development.
- Estimate software activity efforts.
- Design and execute software integration tests.
- Create and maintain CANoe vehicle simulations.
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Requirements

Degree Preferred: B.S. or higher in engineering, electrical or computer engineering

Desired Competencies/Experience

- Four to six (or more) years of automotive embedded development using AutoSAR tools.
- Experience with market standard tools (Vector or EB toolsets).

- Experience with software design concepts (dynamics and static architecture for embedded systems).
- Experience with real time operating systems and communication schemes.
- Experience with automotive communication interfaces (CAN, Flexray, Ethernet).
- Experience with design and implementation of complex software state machines.
- Experience in software development according to the (ISO 26262).
- Experience in compliance with MISRA-C rules.
- Experience with Simulink and Matlab or other MBD tools.
- Knowledge of automotive diagnostic standard protocols (UDS 14229, KWP200, ISO 15765-2).
- Ability to work efficiently in a fast-paced development environment.
- Experience working with global teams.

Apply for this Position

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