



Visteon®

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Requisition Number: 13734

Post Date: June 28, 2017

Title: Software Engineer

City: Central Mexico

State: Central Mexico

Country: Mexico

Description: Software Engineer – Mexico

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, telematics and SmartCore™ cockpit domain controllers. 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 19 countries. Visteon had sales of \$3.16 billion in 2016. 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

SOFTWARE ENGINEER – MEXICO

Primary Responsibilities

Located in central Mexico and as a member of the software delivery team, the software engineer will be responsible for developing embedded software throughout the entire product development lifecycle.

Typical Duties

- Understand and adhere to the project plan
- Interpret existing requirements
- Understand the detailed design
- Understand and modify existing source code for minor changes
- Understand coding standards, MISRA standards and practice while coding
- Understand the test cases and procedures
- Execute unit/component/functional testing with the given test procedure and record results
- Understand the automation/manual methods and execute test cases in the test bench
- Handle different testing tools
- Reproduce escaped issues in the test bench
- Ensure that work products created are reviewed by respective feature specialists to ensure quality

- Ensure data integrity to support organizational metrics collection
- Adhere to change control process for changes
- Maintain equipment and tools of the project using tracking tool
- Escalate issues impacting progress to planned tasks

Requirements

Years of Experience: One to three years' experience in designing and developing embedded software

Degree Strongly Preferred: Bachelor's degree in computer science, computer engineering, mechatronics or electrical engineering with a strong focus on software development

Desired Competencies/Experience

- Experienced with multi-process, multi-tasking or multi-threaded based Operating Systems (QNX, Linux)
- Experienced with JTAG based hardware debuggers
- Good knowledge of embedded compilers such as GCC
- Understanding for the importance of rigorously designed and reliable software required for the automotive market.
- Excellent oral and written communication skills
- Capacity to work well in a team environment
- Strong analytical and problem solving skills
- Solid fundamental computer science skills and strong programming skills in C
- Enjoyment of troubleshooting, profiling, optimizing and problem solving
- Familiar with an Integrated Development Environment (IDE) such as Microsoft Visual Studio or Eclipse
- Working knowledge of at least one issue-tracking tool (IBM Rational Clearquest, Microsoft Team Foundation Server, Mozilla Bugzilla)
- Working knowledge of at least one revision control tool (IBM Rational Team Concert or ClearCase, Apache Subversion)
- Experience optimizing performance and memory usage on embedded systems
- Understanding of object-oriented programming concepts (C++)
- Ability to work extended hours to meet project objectives

Special Requirements (i.e. overtime, travel, etc.)

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 cjordan5@visteon.com and include the requisition number in the subject of your email.