



Shift your career into high gear

Requisition Number: 12581
Post Date: May 9, 2017
Title: DSP Software Engineer
City: Karlsruhe
State: Baden-Wuerttemberg
Country: Germany
Description: DSP Software Engineer

About Visteon

Visteon is a global 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 18 countries. Visteon had sales of \$3.25 billion in 2015. 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

DSP SOFTWARE ENGINEER KARLSRUHE / GERMANY

Typical Duties

- Definition, implementation, test, integration and debugging of audio, DSP and multimedia functions as embedded real-time software in infotainment devices
- Implementation and integration of middleware components, applications, plug-ins and driver under Linux/QNX and/or in DSP architectures
- Debugging on component and system level
- Support with design and code reviews
- Component and integration tests
- Code reviews and similar activities, to ensure highest code quality
- Source code optimization
- Creation of technical documentation and presentations

Requirements

- Degree in Electrical Engineering, Computer Engineering or similar
- At least 3 years of experience developing and debugging object-oriented software in a real-time, embedded, multi-processor, multi-interface environment, preferably in automotive area
- Very good C/C++ know-how, preferably in embedded/automotive area

- Experience with development of DSP
- Experience with MatLab
- Experience with agile development, test driven development and continuous integration
- Linux know-how
- Language skills in English and German (ability to understand specifications)
- High level of team spirit, flexibility and reliability

Years of Experience: At least 3 years of experience developing and debugging object-oriented software in a real-time, embedded, multi-processor, multi-interface environment, preferably in automotive area

Degree Strongly Preferred: Bachelor's Degree or Master's Degree

Desired Competencies/Experience

The qualified applicant for this role will possess the following attributes:

- Ability to manage tools
- Ability to work within global team
- Good English skills
- Good German skills

Special Requirements

Flexibility in working hours to work with a global team may be required.

Apply for this Position

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