RD_806-23_SW Developer

Descrição da função

THE POSITION - Embedded Software Engineers (Telematics NAD cert)
Be part of the international software development team to develop embedded software for Radio, Radionavigation or Connectivity (Wi-Fi, Bluetooth, GSM / 4G LTE / 5G features based) products to meet OEM customer requirements. Be involved through-out the software development life cycle (project planning, requirement definition and analysis, architecture analysis and definition, design, implementation, integration, and validation), field-test and maintenance of the embedded software.

Core Responsibilities:
• Design, Implement, robust software that complies with customer requirements and internal software processes.
• Perform multiple tasks and work independently on new or complex assignments.
• Able to systematically solve problems and perform root cause analysis.
• Identify problems as they occur and take appropriate steps to solve them.
• Able to operate with limited direction.

Essential Functions:
• Software analysis, code analysis, requirements analysis, software reviews, identification of code metrics, system risk analysis, software reliability analysis.
• Perform unit level testing on software modules developed.
• Diagnosis and debugging on emulator and debugger, including use of test equipment (spectrum analyzer, oscilloscope, simulators etc.).
• Ensure Software testing and quality assurance.
• Ensure software compliance with internal software development process (SPICE).
• Review hardware designs and hardware/software interfaces and make recommendations for cost effective solutions.
• Evaluate internal and external software change requests.
• Interface with 3rd party software suppliers.
• Lead/coordinate software design topics related to risk effort, and timing.
• Support meetings with cross functional project team, hardware/test team, and customers as needed.
• Review decisions made by other engineers.
• Meet project deadlines and cost constraints.

Requisitos

Required Qualifications:
• BS in Computer Science, Computer Engineering, Electrical Engineering, or related field.
• Minimum 5 years of relevant experience in related technical field as an engineer.

Identificação da vaga
REF34432A

Local
Shanghai

Nível de liderança
Leading Self

Modalidade de trabalho
Onsite Job

Pessoa jurídica
Continental Automotive Changchun Co., Ltd.

• Proficiency with C/C++.
• Good understanding of wireless communication protocol(3G/4G/5G).
• Familiarity with microcontrollers with a RTOS.
• Understanding of real-time software concerns like multi-threading and concurrency.
• Experience working on low-power, memory-constrained target environment.
• Exemplary verbal and written communication skills.

Preferred Qualifications:
• Master's Degree in Computer, Electrical Engineering or equivalent.
• Experience on Qualcomm mobile/vehicle platform(chipset).
• 3+ years Automotive embedded software Architecture experience.
• 3+ years Telematics engineering experience.
• Multi-core experience.
• Automotive HW and embedded SW experience.
• Embedded Linux.

O que oferecemos

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Quem somos

大陆集团来自德国，是具有国际影响力的汽车零部件一级供应商。目前，大陆集团在中国设有25个生产基地，28个研发中心，员工总数约为16500名。