TAKE A PLUNGE INTO THE EXCITING WORLD OF ENGINEERING

EMBEDDED SOFTWARE DEVELOPMENT ENGINEER (M/F/D)

Located in Bissen / Luxembourg

Your responsibilities

- Development of real time software for electronics systems including algorithm/pre-processing concepts and solutions according to agreed timeline, respecting required quality and performance levels
- Modelling and simulating algorithm behavior
- Support component level software requirements analysis
- Elaborate appropriate software architectures
- Design software on component level
- Code and test of software components
- Participate in review of use cases, software requirements and software architecture
- Organize and participate in reviews of software design, code and tests
- Handle configuration management, problem resolution for allocated components, quality audits
- Support software process improvements
- Support software coordinators and team leader to plan and execute software projects

Your profile

- Master's degree in Engineering, preferably in Electronics Engineering, Computer Science or equivalent
- Working experience with:
  - C/C++
  - MATLAB/Simulink
  - Object Oriented Analysis and Design
  - Software architecture
  - Micro-controller hardware and peripherals
  - Requirement managing tools
- Knowledge of
  - Automotive processes and quality standards (SPICE, ASIL, HIS, MISRA)
  - Functional safety standards like ISO 26262
  - Cyber security standards like ISO/SAE 21434
- Excellent communication, analytical and team working skills
- Fluency in English (spoken and written); German or French is considered an asset

If you are interested in this role, please send your application via our career page.

For further information please check our website www.iee-sensing.com.

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