Focus on your future

Hexagon Manufacturing Intelligence is a leading global provider of 3D measurement systems covering the micro and macro measurement ranges, supplying to manufacturing industries worldwide, including construction, machine, automotive and aerospace business.

The Metrology Development Centre (MDC) in Heerbrugg, Switzerland, is a dedicated product development group for optical sensors, Motion Control / Drive systems and middleware solution. To enhance the MDC-Sensors team, we are looking for an enthusiastic

Senior Software Engineer C++

Your main tasks include:
As a member of our cross-functional R&D team you will be responsible for software architecture, implementation and verification for laser-triangulation sensor. You will have significant experience developing real-time and embedded system for innovative optical sensors and enjoy working within a creative team and bring cutting-edge products to life.

- Software design, implementation and verification (C++) for low-level drivers and modules under Windows and RT Linux
- Development of multi-thread communication libraries to provide high performance solution
- Participating and leading system concept, software architecture, code and design reviews with other team members
- Maintaining test tools (C++, C#, .NET), unit test and system verification
- Close collaboration with local and global Hexagon R&D teams

Your profile:

- Master degree or equivalent qualification in software or electronic engineering
- 5+ years professional experience in software development
- Excellent understanding of software design and C++ programming skills in Visual Studio
- Large experience in real-time low-level programming (Windows, Linux) and multi-thread applications
- Proven expertise with Ethernet communication (TCP/IP, Winsock, protocol), network device driver distributed systems
- Knowledge of image processing, vision systems or metrology application as a strong plus
- Good understand of source control and continuous integration (GIT, Jenkins)
- Excellent communication skills in English and German

Have we sparked your interest?

Jana Kuhnt, HR Manager is looking forward to receive your online application.

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