

DISCOVER HOW YOU CAN MAKE A GLOBAL IMPACT

Hexagon Manufacturing Intelligence offers a comprehensive range of products and services for all industrial metrology applications in sectors such as automotive, aerospace, energy and medical. By empowering our customers to fully control their manufacturing processes, we enhance the quality of products and increase efficiency in manufacturing plants around the world.

To strengthen our Software R&D Team for our high-precision portable industrial measurement instruments in Unterentfelden (Switzerland) we are looking for a

C++ Software Development Engineer

The C++ Software Development Engineer will be responsible for developing innovative Windows software packages for our portable industrial measurement instruments. This is a great opportunity to contribute to an interdisciplinary technology for industry automation and production intelligence also connected to the cloud for supervision purposes.

Main responsibilities

- Design and develop applications and libraries to control high precision metrology devices like Laser Trackers, Scanners and Portable Arms
 - API's for integration into many Metrology applications
 - Applications for control, quality checks and calibration of the instruments
- Develop prototypes of technical solutions in order to validate requirements
- Handle data streams from the distributed systems in an efficient, performant and time critical way
- Define, plan and implement technical as well as functional testing of the software and some internal testing tools in cooperation with the test team
- Analyse and improve the technical and functional quality of the software
- Detail out customer needs in cooperation with requirements engineering team and form functional software specifications
- Cooperate in project teams with SW- and FW developers, requirement- and test engineers, also with people from other disciplines like electronics
- Work in several projects with several branches in parallel

Required skills

- University degree in Computer Science, Electrical Engineering or other relevant education
- Knowledge of C++, object-oriented programming & Visual Studio 2019 (or greater)
- Windows desktop application architecture and programming experience
- Experience with multi-threading and communication protocols based on TCP/IP
- Reliable analysis and synthesis skills
- Autonomous and well-structured working style.
- Very good German and good English skills
- Team oriented and well-communicating personality

Advantageous skills

- Knowledge of device interfaces
- Data visualization experience
- C# and C++/CLI experience
- Knowledge of DevExpress

If you're a good team player and feel at home in a high-tech environment and you are ready to take the challenge at Hexagon, please send your application incl. your CV and supporting documents via the following [Link](#)

To view all our open positions, visit our careers webpage.
www.hexagonmi.com

