



Focus on your future

When building the tallest buildings, the longest bridges and the biggest airplanes, people put their trust in the market-leading measurement and surveying solutions from Leica Geosystems. Our employees develop, produce and distribute what our customers count on, day after day: innovation, precision, reliability and efficiency.

More than 250 Engineers are working on the development of the next generation surveying solutions. Reliability and precision of our measurement instruments is our mission.

To complement a new software development team, we are looking for an enthusiastic and dedicated

C++ Software Engineer for Terrestrial Laser Scanners (f/m)

Your main tasks include:

- Design and implementation of software components and algorithms in the area of 3D reconstruction based on laser scanning and imaging data
- High performance and realtime realizations of terrestrial laser scanning workflows with focus on various embedded hardware platforms
- Software development to build modular and complex solutions using heterogeneous SW development paradigms (GPU, DSP)
- Ensure the product quality by using different types of automated tests including performance improvements and documentation
- Development of modern applications using modern C++ language and Qt
- Potential to act as main interface between external software development centre within Europe and world wide Partners

Your profile:

- A relevant university qualification (Master / Ph.D.) in computer science, mathematics or engineering
- Proficiency in software development using languages like modern C++ and Matlab
- Interest in advanced software engineering design concepts (design patterns, MDSD and TDD)
- Knowledge in the area of GPU's and parallel image processing algorithms is advantageous (OpenCL, CUDA, DSP programming)
- Awareness to write high quality software using different automated test frameworks in an international agile development team
- Strong communication skills in English and German, ability to work in an intercultural and distributed located Environment

Please submit your application online on our website <http://leica-geosystems.com/jobs>

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- when it has to be **right**

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