



Senior Software Engineer (f/m/d) 3D Scanner

Committed, dynamic and with a passion for precision, we revolutionise the world of measurement and survey.

Around the globe, customers from all industries rely on our smart technologies. You want to support us in engineering and implementing powerful software without losing track of your target but always staying cool? Join our team and make your visions come true!

This appeals to you

- Development of cross-platform embedded applications using latest C++ standards and Python
- Ensuring high quality software architecture of the overall 3D scanning system
- Participate in all the stages of the development process, including research, design, implementation, integration, testing and deployment
- High performance and real time realizations of terrestrial laser scanning workflows with focus on various embedded hardware platforms as [RTC-360](#)
- Ensuring the product quality by writing software on high standards based on clean code principles and using automated tests
- Design and implementation of efficient scan- and image data processing algorithms

This is you

- A relevant university qualification (Bachelor / Master) in computer science, mathematics or engineering
- Proficiency in software development using languages such as modern C++ and Python
- Strong software engineering background (design patterns, clean code and TDD)
- Familiarity with architectural patterns and best practices

- Strong analytical and mathematical skills
- Excellent communication and collaboration skills with ability to work in an intercultural and distributed located agile environment.
- Technical mentoring experience
- Experience in image processing techniques and OpenCV is an asset.
- Fluency in English (written & spoken), German beneficial

About Us

Hexagon has approximately 20,000 employees in 50 countries. It is important to us that our employees have the opportunity to make a valuable contribution to the business while at the same time developing their own talents and careers. We encourage our employees to grow with our company.

How can I apply

If you are interested in this challenging and varied position, then we look forward to receiving your [online application](#)! Due to the privacy policy, we accept applications only via the application form. In case you have any questions regarding our positions or our company please contact [us](#).

Leica Geosystems AG **Human Resources**

Heinrich-Wild-Strasse
CH-9434 Heerbrugg

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Additional information

Location	Heerbrugg
Position type	Full-time employee
Start of work	As of now

Responsible

Urs Nef