

Take part at the development of the next generation of surgical robots! For the R&D team in Bern – Switzerland we are looking for a

## Software Engineer Robotics C++

You will:

- Be responsible for developing a multidisciplinary surgical robotic system.
- Take ownership of new features and modules, starting from high level requirement inputs through software architecture and design of the solution, through implementation, testing and validation, to integration of the feature into the system.
- Contribute to the company's knowledge base, toolset, infrastructure, methodologies, and best practices.

You have:

- A Bachelor's and/or Master's degree in Software Engineering.
- 5 years of experience of software development with object-oriented programming.
- Strong knowledge in C++ and real time systems.
- Experience in the robotics field and with 3D mathematics.
- Strong mathematical and analytical skills.
- Profound English and communication skills (written and verbal).
- Experience in the medical field, proficiency in 3D rendering, and familiarity with DICOM are preferred qualifications.

You are:

- A proactive, hands-on, driven, and independent person.
- Able to analyse complex problems and develop innovative solutions.

Key points:

- Workload: 100%
- Workplace: City of Berne, Switzerland
- Work permission Swiss, C or B permission required

Send us your full application at [office.bern@igh-ag.ch](mailto:office.bern@igh-ag.ch) - phone +41 31 566 4848  
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