



C++ Software Developer

Permanent contract

DESCRIPTION

Company : IRCAD was created in 1994 in Strasbourg by Professor Jacques Marescaux. It is an internationally renowned research and training center. Every year, more than 8,800 surgeons come from all over the world to the Institute, to learn about the most advanced minimally invasive surgery techniques.

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Place of employment : 1 place de l'Hôpital, 67100 Strasbourg
Within the University Hospital of Strasbourg

Compensation : To be defined depending on profile

Contract duration : Permanent

MISSIONS

We are offering a permanent position for someone specialized in C++ software development to join our Surgical Data Science team in Strasbourg with experts in data science, software engineering, artificial intelligence, robotics, as well as preclinical and clinical research. This is a unique opportunity to work in a dynamic and multicultural team to develop minimally invasive surgery. The position offers professional growth to increase technical and non-technical skills. The specific responsibilities of the C++ software developer are as follows:

- To develop and maintain our library Sight
- To develop, integrate, test, new computer vision, navigation, deep learning (DL), and medical imaging algorithms to solve real-life health issues
- To work "hand-in-hand" with clinicians
- To build up a good culture of development
- To use the agile methodology and follow the processes of the team

SKILLS

- Strong knowledge of modern C++ (11/17/20)
- Experience with CMake
- Git, GitLab CI, Docker
- Experience with either image processing, computer vision or computer graphics
- Regulatory affairs or normative environments would be an added value

PROFILE

- Master's degree or PhD. in computer science
- Sense of professionalism
- Fluency in English
- Commitment to continuous learning
- Technological awareness
- Teamwork

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