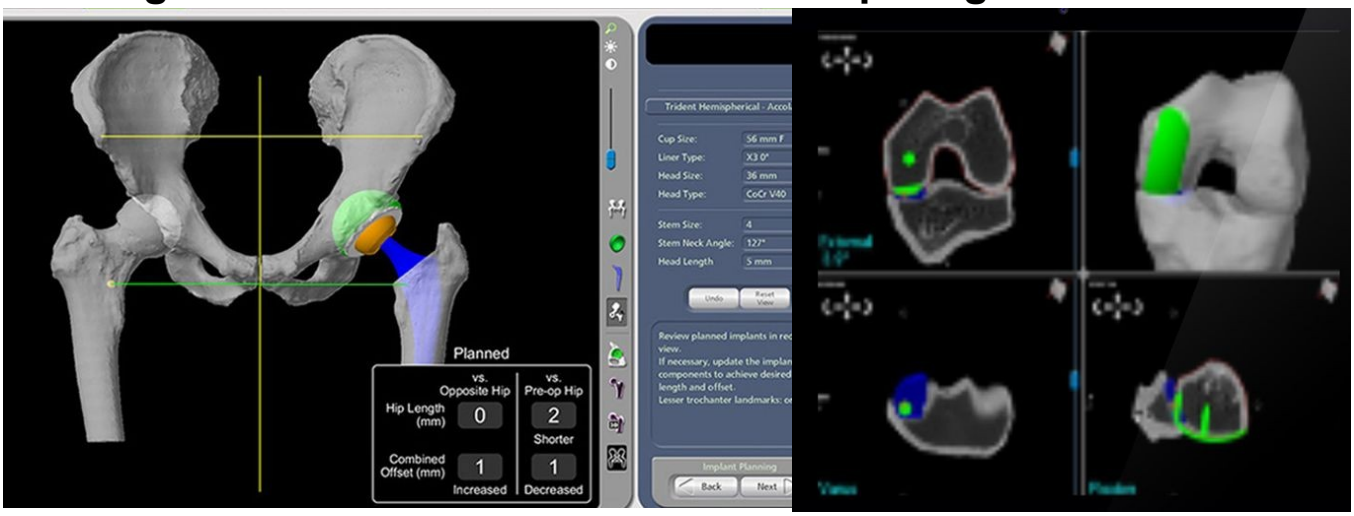
Looking to work in Medical Scientific Computing?



Our client is one of the world's leading medical technology companies based in the US, providing products and services in the Orthopaedics and Spine fields. We are looking to grow our team at Ralovich Consulting Kft. with a **Scientific Software Expert** in Budapest.

Job description

- You are responsible for the design and implementation of software components applying mathematical methods such as 3D geometry, numerical optimization, linear algebra, machine learning and other computer vision techniques
- Proactively ensure robust application of these techniques to anatomy and surgery specific systems with input from surgical and engineering team experts.
- Evaluation of these techniques on large datasets.
- Proactively solve problems and conduct root cause analysis on these techniques.
- Provide subject matter expertise to engineers and technicians within the organization.
- Prototype and develop effective, maintainable, and well-tested code for multiple operating systems (Linux, Windows).
- Lead the software development lifecycle of software components within larger medical device systems.

Your profile

- Substantial experience in mathematical methods in at least some of: 3D geometry, function optimization, linear algebra, machine learning, computer vision, statistical modelling, robotics.
- Deep understanding of programming in C++ and debugging in complex environments.
- Demonstrated ability to problem solve in a technically challenging area.
- Demonstrated capacity to work independently, collaborate with and influence others.
- Demonstrated drive to deliver high quality results to established timelines.
- Experience of the following is desirable:
  - Medical device software
  - Computer vision and machine learning.
  - 3D medical imaging, human anatomy and medical technology.

Please send your application to: **consulting@ralovich.hu** ref **SSE**
- cover letter (1 page) and CV
- work experience and project references
- transcripts (with grades)