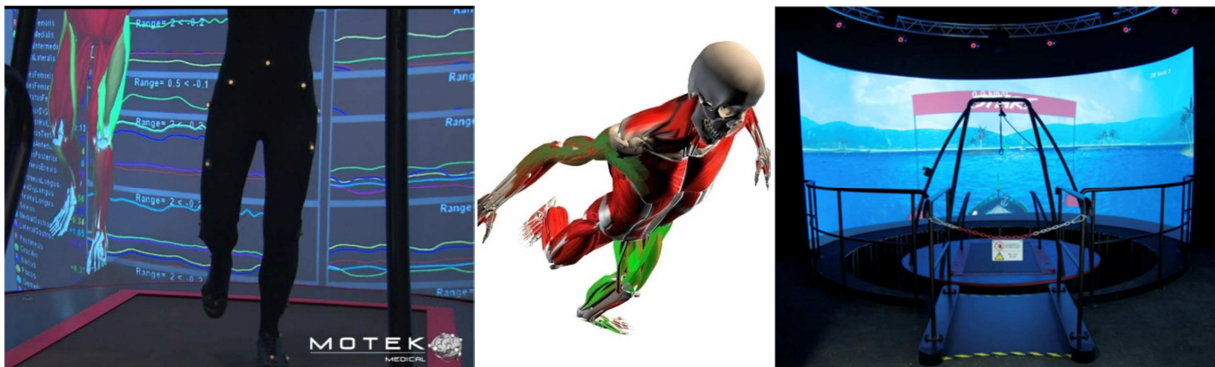


Motek Medical/TU Delft – Software Application Developer

Job Description

Title

Software Application Developer



On the left, real-time motion acquisition and coupled biomechanical model visualisation; at the centre 3D visualisation of the Motek's Human Body Model (HBM) and on the right one of Motek's Computer Assisted Rehabilitation ENvironment (CAREN) systems, consisting of an instrumented treadmill, mounted on a motion platform, surrounded by a motion-capture system with giant wrap-around projection screen, all driven by the in-house D-Flow software.

Description

Motek Medical is a fast-growing and innovative company, specialized in high-tech solutions for rehabilitation, science and sports using real-time feedback and advanced visualization.

In collaboration with the Technical University Delft, Motek Medical will develop an interactive visualization tool for musculoskeletal (shoulder) model output (e.g. 3D motion data, muscle forces, etc). For this and related developments we are searching for an enthusiastic software developer to strengthen our team, working on the border of biomechanical data visualization and interactive software solutions. Development will strongly be influenced by clinically relevant applications.

As a software application developer you will work with the departments of new product development and software development, in close collaboration with the department of Biomedical Engineering of the TU Delft.

Requirements

- BSc / MSc in Computer Science, Biomedical/-mechanical Engineering or related;
- Broad programming skills (including C++);
- Considerable experience in software application development;
- Strong ability to write clean and efficient code;
- Interest in computational (musculoskeletal) modelling;
- Excellent cognitive skills; enthusiastic; able to take the initiative, and to get actively involved in existing projects.

Response

If you fit the requirements and you want to start a career with us, please send your application letter and CV to:

Dr. Frans Steenbrink, Manager New Product Development

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