

Software Developer Graphics Visualization (m/w/d)

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Imagine new horizons...

Do you have dreams? Do you enjoy challenges? Here at Dassault Systèmes, we empower people with passion to change the world and create the future.

SIMULIA, the Dassault Systèmes brand for Realistic Simulation, is the world's leading supplier of advanced simulation software. We are committed to delivering industry-leading technology for advanced simulation applications.

What will your role be?

As Software Development Engineer (m/w/d) you are a key member of the team in Stuttgart who delivers World Class Brand Apps, Services, Technologies creating emotions & value to end-users, and continuously improves deliveries based on usage and user feedback.

Our software development group is creating highly innovative computational fluid dynamics visualization and analysis products with an established eager customer base.

Our work environment is informal, collaborative and supportive of individual growth in talent, leadership and autonomy.

The challenges ahead:

- Contribute to the development of new, exciting and comprehensive visualization and analysis software that will revolutionize the overall engineering design process.

- Utilize your thorough understanding of visualization, 3D graphics, graphical user interface and 3D geometry to design and implement various aspects of front end user interactions, visual display, and geometric back end processing.
- Ability to grasp complexity and passion to make the complex understandable and simple.
- Collaborate effectively within a team of highly motivated, talented engineers to contribute in the development of advanced visualization tools and algorithms.
- Work together with remote teams on joint projects.

Your key success factors:

- Master's degree or PhD in Computer Science, Mathematics, Physics, Electrical Engineering or equivalent
- Minimum of five years of commercial software development experience in C++ including knowledge in OOD
- Experience with rendering techniques and interactive real time 3D graphics and visualization
- Experience in Windows and Linux development
- Skills in design and development of graphical user interfaces based on Qt is a plus
- Experience in scripting languages is a plus
- Excellent communication and interpersonal skills
- Good German (at least B2) and English language skills are required