To grow our Team we are looking for a

**Rendering Engineer (m/f)**

Realtime, physically based walkthroughs (+Virtual Reality)

Enscape is a real time renderer used for presentations of architectural projects. It works like a second viewport because it docks to the respective CAD system as a plugin. Our goal is to make rendering possible, that doesn't require large amounts of time, effort or pre-processing, while still maintaining a high level of quality comparable to that of offline rendering.

**Your tasks**
- Further development of our physically based realtime path tracer (compute- and fragment based)
- Performance optimization of rendering techniques in terms of warp utilization and memory access coherence
- Implementation of techniques such as Order independent transparency, Point cloud rendering, Area Lights, and Mesh simplification
- Performance optimization in virtual reality e.g. Tiled Deferred Shading or using IHV specific extensions

**You have**
- Good knowledge of C++ and GPU programming (GLSL or HLSL)
- An understanding of modern high performance rendering techniques
- A structured way of working regarding profiling, debugging and planning
- Optional: Experience with Vulkan or WebGL

**You can**
- Integrate into a team and work with an existing codebase
- Communicate your ideas and cooperate with others on your code
- Gauge your tasks and skills

**You want**
- To become part of a competent and effective team
- To write fast and beautiful GPU code
- To develop technologically modern software

**What can you expect?**
We have an exciting product, enthusiastic customers, a rapid growth rate and a team spirit characterized by ambition, competence and passion. With Enscape you will have the opportunity to solve technically challenging problems for our customers. Our users are scattered all over the world, with the world's largest architectural offices using Enscape. Our team of developers consists of 6 colleagues, which allows us to operate quickly, and in a flat hierarchy. In addition to the professional know-how, it is important for us that you can identify with our vision and act in concert with us. You want to know more about us and Enscape? Then apply now, we look forward to your application!

**About Enscape GmbH**
We cultivate a collegial working atmosphere and strive to be technological pioneers. For us, the customer is the priority, and we share the feedback within the team to ensure direct communication. Company celebrations such as summer and winter parties, collective barbecues and events such as paintball are also part of our joint leisure activities. We have a very nice office in the Karlsruhe city center, with a roof terrace and modern equipment such as individual air conditioning in every room. The walking routes to various restaurants in the surrounding area are very short.