Position:
Junior / Senior Graphics Engineer (w/m/d)

THREEDY GmbH

Fraunhoferstraße 5
64283 Darmstadt

+49 170 336 7183
recruiting@threedy.io

www.threedy.io

Your Responsibilities

We are a young startup, but we already have a considerable number of high-profile customers. Our technology has matured over many years and grown to meet the challenges of such customers, from our origins in high-performance 3D data visualization to a complex visual computing platform including mixed reality and collaborative sessions.

The continuous further development of distributed rendering algorithms is a core aspect of our technology and we are looking for YOU to strengthen our team in the area of client & front-end development, especially WebGL rendering.

YOU are looking to revolutionize the world of industrial 3D apps with us and enjoy a highly innovative environment? Write new algorithms, performance optimizations or complex real-time shaders, we are guaranteed to have interesting and motivating topics for YOU!

Your tasks will include the (further) development of:

- Rendering algorithms on various platforms, especially TypeScript + WebGL
- Rendering engine API(s) for the application layer and data management layer
- Performance analysis and optimization of algorithms and shader code

Your Profile

We are not "just" looking for employees, but enthusiasts and curious individuals - people who love what they do, who want to continuously develop and make a difference. Due to the variety of tasks and the constant further development of our team structures, you are expected to have a high degree of self-organization, personal responsibility and flexibility. The TEAM is very important to us, which is why active participation in internal communication and an interest in joint events is important to us. YOU should identify with the following points:

- Fancy a high-tech startup
- Good organizational skills
- High reliability
- Fluent in German and English

What's waiting for You

- **A young & dynamic team:** We are still a young company, but our strong and ambitious team has been closely welded together at the Fraunhofer Institute for years. We all pull together!
- **Always High-Tech:** We use the latest technologies to revolutionize the industrial use of 3D - today and in the future!
- **Opportunities for advancement:** The foundation for significant growth has already been laid. With us everyone has the chance to prove their skills and to shape and follow their own individual career path.
- **Comprehensive activity:** Take on responsibility, develop and design your area and thus significantly influence the overall success of our company. Due to the varied challenges, you can look forward to an exciting and varied time.

About Threedy

Threedy develops instant3Dhub, the first Visual Computing-as-a-Service technology, and thus revolutionizes the industrial use of 3D data. instant3Dhub combines the latest technologies from the areas of rendering, cloud and microservice platforms to enable seamless use of 3D visualization, mixed reality and collaborative work in any industrial application.

instant3Dhub has been in productive use for a number of customers, especially large German automobile manufacturers, for several years. Threedy GmbH was spun off from Fraunhofer IGD in Darmstadt at the end of 2020 and is already established in the market. Our team currently comprises 16 employees.

Find more information at: https://www.threedy.io