

JOIN US!

SOFTWARE DEVELOPER GPU RENDERING (M/F/D)

at MAXON Computer GmbH in Friedrichsdorf (metropolitan area Frankfurt/Main), Germany or Montreal, Canada

WHO WE ARE:

We are a leading developer of professional 3D modeling, painting, animation and rendering solutions. Our products are used by professionals every day in the fields of film, broadcasting, advertising and games to create fantastic new worlds. Our award-winning software solutions Cinema 4D and BodyPaint 3D are used by notable companies such as ABC, Amazon, Blizzard, BMW, Burberry, Columbia Pictures, Electronic Arts, Facebook, Fox, Google, Honda, Lego, NBC, Ogilvy, Sony, Sky, Turner, Walt Disney Company, and many more. Meeting and exceeding our customer's needs is a challenge that we meet on a daily basis. To help us meet future challenges we are looking for a Software Developer GPU Rendering (m/f/d) to join our growing team.

WHAT YOU WILL DO:

- You will be responsible for the development of new functions and technologies for our flagship product, Cinema 4D
- Your primary responsibilities will be the maintenance, optimization and development of our real-time rasterization engine
- As a part of our development team you will work closely with product managers, UX designers and the QA department

WHAT WE ARE LOOKING FOR:

- Very good understanding of 2D and 3D rendering technologies
- A Degree (e.g. Master or Diploma) in Computer Science / Computational Visualistics / Engineering / Physics / Mathematics, a focus on computer graphics is advantageous
- A minimum of 3 years experience in programming with modern C++, modern Metal / Vulkan / DirectX / OpenGL
- Knowledge of CUDA / OpenCL is a plus
- Good knowledge of 3D rendering algorithms (e.g. physically-based rendering, fragment-linked lists, shadow mapping, global illumination, motion blur, volume rendering and indirect rendering) as well as solid skills in linear algebra
- Solid knowledge of GPU and CPU architectures
- Extensive experience in parallelization paradigms and optimizing algorithms
- A good understanding of the current state-of-the-art in research and the ability to implement publications
- Dependable team player with a genuine interest in delivering an excellent product, a strong sense of responsibility, the ability to work independently, meet deadlines and communicate well

WHAT WE OFFER:

You will be given a permanent full-time contract with perspective at our headquarters in Friedrichsdorf (just north of Frankfurt/Main), Germany or at our office in Montreal, Canada. You will be part of a highly motivated international team of specialists and will work in an environment that offers a wide range of individual development possibilities. Interested in joining our team? Then send us your electronic CV (.pdf) with expected salary, and your earliest starting date. We're looking forward to hearing from you!

Maxon is proud to be an equal opportunity workplace.