

Do you want to join an exciting venture that is shaping the future of automated driving? Use your expertise and know-how for solving innovative challenges in human-centered safety, user experience and automation and within a highly motivated team of experts.

As a **Computer Graphics Software Engineer** at emotion3D you will be an essential part of our team of CG experts and work closely together with our CV/AI engineers on challenging automotive projects for **environment sensing application**. With your knowledge you will contribute to the realistic simulation and rendering of automotive environments and enable synthetic development & validation of complex automotive AI software products throughout the entire life cycle of product development.

Computer Graphics Software Engineer (m/f/d)

Full time, Vienna

Your responsibilities:

- Build and extend our simulation workflow for realistic simulation of humans and automotive environments, enabling our AI teams to generate highly realistic training and validation data in a virtual way
- Research, conceptualize and develop new sophisticated simulation and rendering approaches to simulate state-of-the-art 2D and 3D camera technologies (e.g. visual, thermal, LiDAR, NIR, ToF, etc.)
- Work on customer projects and closely together with our AI team, implementing powerful means for complex environment simulations and virtual scenario testing
- Contribute to streamline and improve our virtual AI development workflows by designing modular and reusable graphics software components

Your skills:

- Experience in a game engine such as Unreal Engine or Unity
- Confident in C++ and in maintaining and extending a fast-growing C++ code base
- Experience in Computer Graphics and Computer Vision is a strong plus
- Experience in simulation, modelling and animation is a plus
- EU-citizenship or work permit for Austria

Your Qualifications:

- University degree with computer graphics context preferably Computer Science or similar
- 1+ years professional computer graphics experience

Our offer:

- A position in a young and motivated team
- Possibility to apply your knowledge and expertise at the forefront of automotive sensing and to enable advanced driving and mobility applications
- Exciting tasks and steep learning curves on challenging industry projects
- Flexible working hours
- A modern office environment in a central location in Vienna
- A competitive salary fitting your expertise and qualification (minimum salary €42.000)

You are interested? Please send us your application! We are looking forward to meeting you!

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