



VIRES Simulationstechnologie GmbH provides software solutions for the creation, animation, visualization and sensor perception of virtual environments for ADAS and active safety systems. We support our customers in the automotive and rail sectors in their efforts to shape the future of mobility. VIRES is a member of MSC.Software Group of companies and is owned by Hexagon, a leading global provider of information technology solutions. The head office of VIRES is located in Bad Aibling, Germany.



For our office in **Bad Aibling** near Munich we have open position for

Software Developer (f/m/d) for Service and technical Support

VIRES Virtual Test Drive - VTD is our complete tool-chain for driving simulation applications. VTD is mainly used for the development, testing, and validation of driver assistance and active safety systems. Against this background, it is also used in the field of "highly automated driving". It covers the full range from the generation of 3D content to the simulation of complex traffic scenarios and, finally, to the simulation of either simplified or physically driven sensors. It is used in SiL, DiL, ViL and HiL applications and may also be operated as co-simulation.

Your tasks

- Development and maintenance of our Software VTD – VIRES Virtual Test Drive depending on qualification in the areas of sensor, traffic or camera simulation.
- You identify, describe and validate requirements, as well as work on projects self dependently
- You are in close contact with our customers and work regularly on site if required
- During integration and ongoing use of our VTD software you will support our customer

Your qualification, knowledge and experience

- Bachelor's degree in Engineering or related field; Master desired
- Very good development skills with C++ or any other high-level programming language
- Good knowledge of OpenGL, GPGPU programming and Ray Tracing are plus
- Experience with Linux operating system
- Analytical thinking, combined with the ability to structure complex subject areas
- Openness for travel activities and experience in customer support are a prerequisite
- Good German and English language skills

We offer

- Flat hierarchy and fast decision making
- Interesting and challenging tasks
- Flexible working hours
- Good working atmosphere in an international and creative team



Are you interested in being a part of shaping the world of autonomous driving?

Please send an email with your job application, your salary expectation requirement, and the earliest possible start date to recruiting@vires.com.