



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.



We are a growing company and for our office in **Bad Aibling (GER)** we have open positions for

3D-Simulation Software Developer for Road Network Editor (f/m/d)

Our interactive Road Network Editor (ROD) allows designing road and rail networks in full detail with unlimited numbers of lanes, complex intersections, comprehensive signs, and signaling. The ROD links and exports logic and graphics data consistently from a single source. Virtual worlds can be designed from scratch or compiled from existing database tiles. Various import and export formats, as well as large libraries of 3D models and country specific signs/signals accelerate the creation process.

Your tasks

- Development and maintenance of our ROD software
- Implementation of procedures for the conversion of different description formats for geodata like OSM, KML, HD Map or OpenDRIVE
- Support of our customers to integrate and use our software

Your qualification, knowledge and experience

- Bachelor's degree in Engineering or related field; Master desired; work experience a plus
- Very good development skills with C++ or any other high-level programming language
- Good knowledge of OpenSceneGraph, OpenGL or GUI-Framework
- Experience with Linux operating system
- Analytical thinking, combined with the ability to structure complex subject areas
- 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.