

Your career prospects with us:

FluidDyna GmbH provides research and development services for the international automobile and aircraft industry as well as in the area of systems and process engineering. The company's core expertise lies particularly in the sophisticated engineering disciplines of flow simulation and thermodynamics. Mainly applying numerical and experimental methods of flow simulation and thermodynamics, we handle all projects assigned to us reliably and diligently at each stage of the product development process: from the fundamental research required for drawing up innovative solutions tailored to our customers' needs and wants, to the development and refinement of new virtual processes for optimizing the ultimate series-production readiness of parts and components.

Product Manager HPC Software Fluid Mechanics, SPH-Methods

Your responsibilities:

- Product development, integration of an existing GPU-based SPH-solver in a workflow with pre- and postprocessing tools
- Preparation of sales and marketing material
- Technical Training of Application Engineers and Sales Crew
- Management of development team
- Preparation and control of development and release plans
- Management and controlling of customer projects

Our requirements:

- Degree in mechanical engineering, computer science or comparable studies
- Proven relevant expertise in numerical fluid mechanics, preferably regarding multi-phase flows and/or particle-based methods (SPH)
- Pronounced abilities to integrate yourself in a team and contribute actively
- Good programming skills in C/C++, MPI and CUDA
- Good command of English, German language skills are favorable but not mandatory

Working hours: 40 hours/week

Start Date: 1 August, 2015

We are looking forward to your application (CV, motivation letter, transcripts and company references, if applicable), citing the reference number below, your start date and salary expectations either by post or email.

Reference Number: MG-NX-2015-01

FluidDyna GmbH

Human Resources Management

Lichtenbergstraße 8 | D-85748 Garching near Munich, Germany

www.fluidyna.de | karriere@fluidyna.de