



Successful with TriboForm!

TriboForm Engineering is a software company that develops and sells software for tool design, engineering and simulation aimed at the automotive industry. TriboForm is part of the AutoForm Group and offer its products, as part of that group, to the global automotive industry, including the top 20 automotive companies, and hundreds of their suppliers. The AutoForm software is being used for die engineering and sheet metal forming simulation, to carry out feasibility studies, generate tooling concepts and optimize processes. Within the AutoForm Group, the software from TriboForm is an integrated product that is used for the simulation of friction and lubrication conditions during the simulation of metal forming processes.

The TriboForm team consists of 8 young staff members, who work closely together on developing and marketing the TriboForm software. In recent years, TriboForm has been awarded several prizes, recognizing its innovative product and the growth of the company within the automotive industry. Now that TriboForm has become part of the AutoForm Group, a Swiss based company with more than 400 employees worldwide, we are faced with the challenge of expanding and accelerating the development of the TriboForm software.

We always want to continue to develop, innovate and improve in order to realize our ambitions. For our TriboForm software development team in **Enschede, The Netherlands**, we are looking for a:

Development Engineer (full-time, m/f)

Job description:

Your combined software development and engineering role will cover a broad set of tasks. You will be performing numerical development work within a scope of assigned responsibilities in the field of sheet metal forming and virtual tribology. You will work closely together with Software- and Development Engineers, focusing on concept development, project planning, mathematical modeling and implementation of new TriboForm software products, features and/or techniques in virtual tribology. In addition, you will be involved in the testing and validation of such newly developed products with the customer in the market before proceeding to the commercial roll-out of the product. You will typically manage and work on multiple short-term and long-term projects covering industrial-relevant development problems. Courses and traineeships will be provided by TriboForm and AutoForm to further develop your personal as well as technical skills.

Your responsibilities:

Your responsibilities as a Development Engineer consist of activities related to the development, maintenance, testing and support of TriboForm's software products. These include:

- Development and implementation of mathematical / physical models (C++ / MATLAB) based on questions from the organization or the customer
- Converting these questions into logical and easy-to-use solutions
- Planning, coordinating and implementing new developments
- Performing an internal assessment of new developments to ensure the quality of the software
- Performing an external assessment in consultation with the customer to further optimize the developed product
- Offering technical support, both internally (within the organization) and externally (for end users and customers)

Your profile:

- Education
 - Technical university, MSc or PhD, in mechanical engineering, physics, computer science or similar
- Experience:
 - Extensive experience with programming and data analysis using MATLAB is required. Experience with C/C++ is a plus
 - Capable of translating physics concepts into high-quality algorithms
 - Solid theoretical background in the field of mechanical engineering
- Personal skills
 - Pragmatic attitude, result oriented with an analytical view
 - Strong self-motivation and able to work in a small team
 - Highly proactive with good communication skills
 - Entrepreneurial attitude
 - Able to manage various projects
- Communicative skills
 - Fluent command of the English language (written and oral)
 - Knowledge of Dutch and German is an added advantage

Valid Working Visa for the Netherlands is a requirement.

You will be working in our office in Enschede, The Netherlands. The function can certainly also be partly done from home. We do expect a certain amount of presence at our office.

We are offering you an exciting challenge in an innovative, international environment. We look forward to your application (motivation letter and CV) by e-mail. For more information, please contact Renée Soudant.

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