

*TASS is currently seeking a candidate for :*

***Software Engineer MADYMO***

TASS offers MADYMO, the world's leading crash safety design software. Building on over 30 years' experience in vehicle crash safety, our engineers can support our clients to improve their design for passive safety systems. By using MADYMO, researchers and engineers can design an occupant safety system, analyze it thoroughly and fine tune the design early in the development process.

With active safety becoming more and more important, TASS has extended its product range with PreScan: a dedicated sensor simulation tool for designing active safety systems and advanced driver assistance systems (ADAS). Another software tool – Delft-Tyre – is able to simulate type properties and performance, enabling accurate vehicle dynamics simulations.

With MADYMO, PreScan and Delft-Tyre, TASS offers a complete solution of software & services for the design of fully integrated safety solutions.

The TASS ethos is about co-operation, innovative thinking and expertise. From our headquarters in The Netherlands and offices across the globe, we work closely with top vehicle manufacturers and their suppliers to provide dedicated solutions to complex needs. With our clients and strategic partners, such as TNO and Altair, we are constantly pushing back the barriers of occupant safety.

Using our software and engineering services our clients can design their products to go well beyond existing safety standards. They can make their products more than just safe; they can be TASS-safe.

To further strengthen the team responsible for the MADYMO product, TASS is looking for a:

**Software Engineer MADYMO**

**Required Background & Education:**

- Education level: Bachelor or Master degree in Computer Science or Informatics
- Minimum 5 years experience in object-oriented programming
- Expert knowledge of languages, methods and tooling like C++, Python, OpenGL and OpenSceneGraph
- Knowledge of design patterns and UML for architecture and design purposes
- Configuration Management tools as SVN and Hg
- Bug reporting systems as Bugzilla and Mantis

**Job Responsibilities:**

- Takes care of all development activities in a defined project, in order to extend and maintain the functional content of MADYMO.
- Maintenance and extension of the software development environment to increase productivity and quality of the produced software
- Designs and guide developers in the design of the GUI (changes).

If you are interested in applying for this position, please send your resume and cover letter to Annemiek Nagengast, HR Advisor at [jobs@tass-safe.com](mailto:jobs@tass-safe.com)