

TASS Germany is seeking a candidate for:

Project Engineer

Company profile:

TASS, TNO Automotive Safety Solutions, provides software, engineering and test solutions for passive, active and integrated safety development issues. The over-30 years experience in software development, safety engineering and crash testing allows us to deliver world-class products and a wide range of services to meet current and future safety requirements. TASS delivers its products and solutions through a worldwide network of offices and laboratories allowing it to provide global solutions at a specialist local level. With our clients and strategic partners, such as TNO and Altair, we are constantly pushing back the barriers of vehicle safety.

Our software MADYMO is the worldwide standard for occupant safety analysis and design optimization. With active safety becoming more and more important, TASS has extended its software portfolio with the software PreScan: a simulation tool for designing active safety systems and advanced driver assistance systems (ADAS).

For more information, please visit: www.tass-safe.com

Job description:

TASS has an immediate opening for a Project Engineer at its office in Germany, located in Wiesbaden (Rhein-Main Region). Reporting to the Engineering Director TASS, the Project Engineer is responsible for conducting the engineering and/or research projects in the field of ADAS systems which is a new branch of automotive safety.

Job Responsibilities:

- Successfully carrying out internal and external projects
- Solving technical problems in the field of automated control related to ADAS
- Building and analyzing traffic scenarios using PreScan
- Designing and modeling sensor systems for vehicle safety purposes
- Designing and validating Active Safety logics and algorithms in Matlab/Simulink based on the PreScan sensors outputs
- Customer training and support

Required Background & Education:

- Education level: Master of Science degree in Engineering
- Good knowledge and experience with CAE technologies
- 2 years MATLAB/Simulink experience
- Desirable knowledge of Sensor Physics, Vehicle Dynamics, Crash Dynamics, Biomechanics
- Desirable knowledge and experience with MADYMO
- Good level of verbal and written English, knowledge of German language is desirable
- Good communication and team working skills