cosine is a dynamic high-tech company which develops and builds measurement systems for its customers. These systems are used in scientific, industrial, medical, environmental, energy, agri/food, security, semiconductor and space applications, with customers ranging from small high-tech companies to Space Agencies and large multinationals.

cosine currently has a staff of around 40 international and highly educated employees who develop in close collaboration with our customers. With our broad experience in different technological areas, cosine provides innovative, out-of-the-box measurement solutions.

Our office in Warmond houses fully equipped cleanrooms, as well as testing and assembly facilities, offices and meeting rooms. The building is modern and spacious and can be easily reached by public transportation, as well as by car.

We are looking for a colleague to come work for us at cosine as a

Mechanical Engineer (1.0 FTE)

Function Profile

As a mechanical engineer at cosine you will be working in multidisciplinary teams, as well as individually on your own projects. The company is project oriented, and you will thus be assigned to one or more projects at a time where you will be responsible for the design, installation, testing and connection of mechanical and electronic parts.

You like to find innovative solutions for our internal and external customers. You are creative and solution-oriented.

Responsibilities

- You ensure the successful design, simulation, drawing, testing, commissioning and implementation of mechanical parts. You do this from a concept and with an eye for quality, safety and lead time.
- You document the simulation and assembly processes and report on the quality assurance.

Required qualifications

- A master's degree in mechanical engineering
- Specific knowledge of structural dynamics and mechanical stress
- Strong theoretical knowledge and experience with finite element analysis, including experience with softwares (for instance Abaqus)
- Theoretical knowledge and experience in mechanical design and modeling, including experience with CAD softwares (for instance Solidworks)
- General knowledge of materials and manufacturing processes
- Basic knowledge in data processing using programming languages (for instance Python)
- Ability to speak and write English fluently in a professional working environment

We offer

We offer a full-time job in a dynamic and international setting where you can combine your engineering skills with highly innovative technology and applications, with good and flexible working conditions.

Application

Interested? Send your motivation and CV to recruitment@cosine.nl