

MECHANICAL ENGINEER INDUSTRIAL SENSING

The company:

Optics11 is a fast-growing high-tech company based in Amsterdam and is developing new optical fiber measurement systems for many different markets, with customers all over the world.

Our customers are working on the forefront of biotechnological and preclinical research, to find and develop new therapies and solutions for healthcare. Our instruments provide new and unique capabilities that truly advance life science research.

You will be part of a young and enthusiastic team, working in a challenging international environment, with huge opportunities to grow.

Key activities of a Research and Development Engineer:

- Support in all sensor development activities (optical fiber based sensors) from a mechanical point of view.
- Carry out mechanical designs of structural components
- Generate 3D models and 2D drawings for manufacturing
- Perform engineering analysis to define requirements
- Find materials/ suppliers based on the requirements
- Building sensor prototypes
- Support testing procedures to verify sensor performance

The ideal candidate:

- Has a background in MEMS technology or in precision mechanics or similar
- Has a BSc or MSc
- Has 0-3 years experience
- Has a hands-on mentality with a strong theoretical background
- Can perform mechanical design using CAD software, Design for Manufacturing and Assembly (DFMA)
- Can perform measurements related to sensor Validation & Verification
- Has experience with data processing using Matlab and/or LabVIEW
- Has solid mechanics, dynamics, vibrations, materials science knowledge

The offer:

- 40 hours a week
- an opportunity to make a significant impact on the growth of Optics11 and to develop your soft- and technical skills
- being part of a young, dynamic and enthusiastic team
- work in a challenging international environment.

Join us!

For more information contact us by email or via +31 20 598 7917.

To apply, send in your resume and motivation letter to recruitment@optics11.com

