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**Position: Optical Design & Development Engineer**

Responsibilities:

- Design and analyze optical, micro-optical and optical MEMS components and subsystems for product development and external customers. Evaluation and tolerance analysis for the optical designs
- Characterization of optical, opto-mechanical and optoelectronic components and systems.
- Participate in development of modeling and analysis methods
- Conduct statistical analysis and provide recommendation for optical performance improvement
- Prototype assembly, testing and verification of optical and opto-mechanical systems.
- Work with different teams in research and development and support of customers' requirements
- Presentation and documentation of designs and test results and conduct reviews on.

Qualifications:

Technical

- A B.Sc. or M.Sc. degree in electrical engineering.
- 0-3 years of experience in the optical design preferably in a similar position.
- Basic knowledge of optical engineering. Micro optics understanding and familiarity with technology is a plus.
- Familiar with ray tracing tools such as Zemax is a plus.
- Knowledge of MATLAB. Other programming languages is a plus.
- Basic knowledge in measurement instruments. Ability to build bench characterization setups for measuring the performance of optical components as well as optical MEMS is a plus.

Personal:

- Self-starter with demonstrated quantitative analysis and problem-solving skills.
- Team work orientation, networking, and effective verbal and written communication skills, and have tendency towards new ideas and innovation.
- Able to pro-actively communicate with different teams and work under pressure.
- Excellent command of English language.
- Excellent documentation skills.

Potential candidates are welcome to forward their resumes to [human.resources@si-ware.com](mailto:human.resources@si-ware.com).  
The job title must be mentioned in the subject of the email or the CV will be disqualified.