



Address: 3, Khaled Ibn Al-Waleed street, Sheraton,
Heliopolis, Cairo 11361, Egypt
Telephone: +20 2 22 68 47 04
Fax: +20 2 22 68 47 05
Internet: www.si-ware.com

Position: Optical 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 with an email subject [HRM] to human.resources@si-ware.com