

CAREER OPPORTUNITIES FOR YOU

B.Sc | M.Sc | Ph.D Students & graduates in:

Physics

**Optics
Electro-Optics**

**Electrical
Engineering**

Join our leading R&D teams:

- Simulations & Algorithms
- Optics Design
- Experimental Physics
- System Engineering

Send your resume to: academic@kla-tencor.com

KLA Tencor

**THE FUTURE IS CALLING.
WILL YOU ANSWER?**

Job Opening: JB-213: BSC Student – to join R&D Optics Group

Job Description:

- ✓ We are looking for a student for our simulation team working in an advanced development group, that supports the simulation needs of advanced and technology development.
- ✓ The job includes preparing simulations according to a well-defined requirement set, monitoring the simulations in high power computers (in KT or a computing cloud) and analyzing the results.

Requirements:

- ✓ 4th semester in Physics, Electrical Engineering, Optical Engineering, or related fields.
- ✓ Good programming skills.
- ✓ Experience in Matlab.
- ✓ Meticulous working approach

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Job Opening : JB-231

BSC/MCS Student – to join R&D Optics Group

Job Description:

- ✓ The position includes definition and execution of Optical lab tests, as well as performance of computer aided analysis.

Requirements:

- ✓ B.Sc. or M.S. student with at least one year to graduation.
- ✓ Successfully completed (or taking this semester) the following courses: **1st, 2nd & 3rd Physics courses (including mechanics, electromagnetism & modern physics, courses names may vary between universities), 1st & 2nd labs in Physics (mechanics & electromagnetism), Electromagnetic theory (or an equivalent course), Optics (or an equivalent course)**
- ✓ Familiarity in using Matlab.
- ✓ Available for 20 hours weekly.
- ✓ The position is located in Migdal Ha-Emeq (Transportation shuttle from Tel Aviv is available)

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Job Opening: JB-229

PHD Graduate – to join Algo Development Group

Job Description:

- ✓ Definition and development of measurement algorithms in a multidisciplinary innovative environment
- ✓ Development of system level sequences
- ✓ Leading interdisciplinary teams in the development of high-end concepts and algorithms related to overlay metrology and tool performance.
- ✓ Participate in R&D activities.

Requirements:

- ✓ At least M.Sc degree related to one of the following fields: Physics, Optics, Opto-Mechanics, Physical Chemistry, Electrical Engineering, and System Engineering.
- ✓ At least 3 years of experience in Algorithms Development or multi-disciplinary System Engineering
- ✓ Solid knowledge in Physics (both Theoretical and Experimental)
- ✓ Knowledge in Image/Signal processing – an advantage
- ✓ Proficiency in MATLAB, Python or other programming language (C/C++) a must

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Job Opening : JB-230

MSC or PHD Graduate – to join Algo Imaging Group

Job Description:

- ✓ Definition and development of measurement algorithms in a multidisciplinary innovative environment.
- ✓ Development of system level sequences.
- ✓ Leading interdisciplinary teams in the development of high-end concepts and algorithms related to overlay metrology and tool performance.
- ✓ Participate in R&D activities.

Requirements:

- ✓ M.Sc degree related to one of the following fields: Image and signal processing, optics, and Electrical Engineering.
- ✓ At least 3 years of experience in algorithms Development in multi-disciplinary environment.
- ✓ Analytical and methodical approach to problem analysis.
- ✓ Proficiency in MATLAB, Python, C or other programming language - a must.
- ✓ Knowledge in physics and optics – an advantage.

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