KLA-Tencor is Hiring Application Development Student for Optical Metrology Division

Description

- Application development student in Optical Metrology Division is responsible for:
- Participate in developing advanced applications and algorithms for state of the art Optical Metrology systems. Overall responsibility starts at project inception and ends at the adoption in production by the customer.
- Develop simulations for optical metrology measurements.
- Provide technical support in the development and implementation of customer applications dealing with Optical Metrology products and features.
- Developing recipes to model complex optical applications.
- Supporting Pre and Post Sale activities
- The ideal candidate will possess strong technical skills, be current in the customer use case domain, have excellent oral and written communication skills and the ability to work independently. Strong technical skills are required to understand the functionality and capabilities of these tools and for providing root cause analysis and potential solutions for customers. Such skills include (but are not limited to) techniques for data analysis/processing, statistical analysis as well as the ability to quickly pick up and understand customer requirements and processes.
- In addition, application student will be required to develop simulations and analysis for optical measurements. Work closely with many organizations including engineering, sales and marketing within K-T and with customer engineers outside K-T.

Requirements

- Graduate student in Physics/Electrical Engineering/Materials Science /Physical Chemistry/ related fields
- Strong analytical and data analysis capabilities
- Good programming skills (Matlab is mandatory)
- Knowledge of at least one of the following is required: Optical systems, Semiconductor processing and Fabrication, Algorithm development and implementation in Matlab
- Self-driven, yet a strong team player.
- Available for 20 hours weekly
- Location: Migdal HaEmek