



Algorithms Researcher/Developer with background in Image Processing and Machine Learning

In this job you will

- Conduct Research & Development of innovative algorithms for the next generation Optical Metrology of Semiconductor devices
- Work in a dynamic, multi-disciplinary environment that encourages creativity
- Interact and collaborate with highly skilled peers
- Use theory, simulation, experimental data analysis, modeling, and phenomenology

Job Responsibilities Include

- Research & Development of Signal/Image processing algorithms (based on Machine Learning and other methods):
- Challenge definition, feasibility research, concept definition, solution development, qualification testing and on-tool implementation
- Working on problems of diverse scope where analysis of data requires evaluation of identifiable factors
- Demonstrating good judgment in selecting methods and techniques for obtaining solutions
- Interact with senior internal and external personnel
- Receiving typically little instruction on day-to-day work and only general instructions on new assignments

Job Requirements

- PhD in Electrical Engineering or Computer Science or Biomedical Engineering (or MSc with strong background)
- Strong background in Signal & Image processing / Machine Learning / Computer Vision
- Experience in algorithm development and implementation in Matlab / Python
- Experience with Optical Systems / Microscopy – an advantage
- Experience in the Semiconductor industry – an advantage

Relevant CV to: Ella.Kogan@kla.com

*****Work Location: Migdal HaEmek, Israel*****

*****Transportation Services are available also from Tel Aviv area in this “Cool Bus”!!! ☺ *****

Please see below:

KLA+

