Algorithm Developer

In this job you will:

• Design signal and image processing algorithms, apply anomaly detection and classification algorithms, develop 3D navigation algorithm based on motion sensors, perform experiments in the lab, write down system testing, ERS, FRS and algorithm review documents

• In all phases of development, you will work in collaboration with SW, HW and Mechanical teams

• In up to 10% of the time, overseas travels to scientific and technology conferences, as well as customer and corporate sites, are expected.

• **Requirements:**

  • MSc/PhD (an advantage) in physics, mechanical engineering, aeronautics engineering, or electrical engineering.

  • Skilled in image and signal processing algorithms.

  • Strong background in designing machine learning algorithms.

  • At least two years of hands on experience with MATLAB or Python.

  • Good understanding of optical imaging systems and image formation.

  • Passionate with robotics and machine vision system.

Work Location: Migdal HaEmek, Israel

Transportation Services are available

Relevant CV to Ella.kogan@kla-tencor.com