

Computer Vision Developer

Join us as an Algorithm Developer for AI-Powered Computer Vision!

Are you passionate about cutting-edge AI and computer vision? Do you thrive in a creative, fast-paced environment where innovation drives impact? We're looking for a talented Algorithm Developer to join our R&D team and help shape the future of Optical Metrology for Semiconductor Devices.

What You'll Do:

- Lead the research and development of advanced algorithms for next-gen optical metrology systems.
- Tackle complex, real-world challenges in a multi-disciplinary, collaborative environment.
- Work closely with top-tier experts in AI, optics, and semiconductor technologies.
- Drive the full algorithm lifecycle: from concept and feasibility to implementation and on-tool integration.
- Analyze diverse data sets and apply sound judgment to develop innovative solutions.
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Why Join Us?

- Be part of a visionary team pushing the boundaries of AI and optics.
- Enjoy a creative and supportive work culture that values innovation.
- Make a real impact in a high-tech, high-growth industry.

What are we looking for?

- PhD in Electrical Engineering /Computer Science/ Physics/ Related Disciplines
- Hands-on experience in AI and image processing.
- Strong skills in Python for algorithm development.
- Background in optical systems or microscopy – a big plus!
- Experience in the semiconductor industry – an advantage.

We offer a competitive, family-friendly total rewards package. We design our programs to reflect our commitment to an inclusive environment, while ensuring we provide benefits that meet the diverse needs of our employees.

KLA is proud to be an equal opportunity employer

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

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