



Senior Algorithm Developer | Israel

Your Role

At Sight Diagnostics, we aim to improve health through fast and accurate diagnostic testing. We have successfully built our Sight OLO device which performs complete blood count (CBC) based on our own scanning hardware, computer vision and machine learning algorithms. We are now building on our vast experience to extend our capabilities to new and exciting sample types and clinical conditions.

As a senior algorithm developer, you will

- Join early stage research and development of a new medical diagnosis product.
- Design novel algorithms which will be used for clinical diagnosis from the proof-of-concept stage to clinical validation.
- Plan, execute and summarize experiments, data analysis and results interpretation.
- Help brainstorm and plan new methods and tools for ground truth generation.
- Impact design choices related to sample preparation, staining and image acquisition.
- Mentor other algorithm developers on this project.
- Communicate results to internal and external stakeholders.

Your skills, experience, and potential

- Curious, self-learner who can work independently with minimal supervision.
- MSc/PhD in Computer Science, Math, Physics or equivalent is typically required. Exceptional candidates with proven R&D experience may also be considered.
- 4+ years of experience in solving computer vision problems is required.
- Strong background in machine learning and deep learning with practical development experience.
- Background in medicine or biological domain - nice to have.

About Sight

Sight aims to improve health through faster, pain-free diagnostic testing. Combining revolutionary hardware with ground-breaking machine-vision and AI technology, our ambition is to transform the world of diagnostics. Developed over more than a decade, Sight's technology creates a digital version of the blood, by capturing 1,000 highly detailed images with just 2 drops from a finger prick sample, which is then interpreted by proprietary algorithms. Sight's first product, Parasight, focused on detecting Malaria, has already been used in 24 countries, delivering more than one million tests to date.

Sight's latest product, OLO, performs the most commonly ordered blood test in the world, the Full Blood Count (FBC). OLO can be operated in a variety of settings: delivering FBC results in minutes, not hours. With CE marking for point-of-care outside of the US and FDA 510(k) clearance for moderately complex settings in the US, we are now poised at scaling our teams to meet our ambitious targets.

Learn more at sightdx.com.

Language Requirements

Fluency in English

Apply Now

Email us at sight.senalgo@applynow.io

Our Policy

Sight is an equal opportunity employer. We don't discriminate on the basis of age, gender, race, religion or belief, sexual orientation, or disability.