michal@insighthr.co.il
077-2044559 052-4260510

Senior Engineer

Responsibilities:

The Senior Engineer will play a pivotal role in the design of our innovative device, which combines sensors, hardware, software algorithms, and mechanical elements. Key responsibilities include:

- **System Design:** Lead the design and development of complex systems, including sensor integration, hardware design, and algorithm development.
- **Signal and Image Processing:** Develop and implement advanced signal and image processing algorithms.
- **Microelectronics:** Work with microelectronic components such as MEMS and ASICs.
- **Algorithm Development:** Design and optimize machine learning algorithms.
- **Cross-Functional Collaboration:** Collaborate with cross-functional teams to ensure seamless integration of hardware, software, and mechanical components.
- **Problem-Solving:** Identify and solve complex technical challenges.
- **Innovation:** Drive innovation and explore new technologies to advance the state-of-the-art.

Requirements:

- **Education:** Degree in Physics, Electrical Engineering, or Computer Science / biomedical (with relevant experience).
- **Technical Expertise:** Expertise in signal and image processing, algorithmics, and microelectronics.
- **Medical Ultrasound Experience:** Experience with medical ultrasound design and operation is highly advantageous.
- **Machine Learning:** Familiarity with machine learning algorithms.
- **Problem-Solving:** Excellent problem-solving and analytical skills.
- **Teamwork:** Ability to collaborate effectively with cross-functional teams.
- **Communication:** Strong communication skills, both written and verbal.
- **Attention to Detail:** Meticulous attention to detail.
- **Innovation:** A passion for innovation and a drive to push the boundaries of technology.

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המשרה ביקנעם