

Nyxoah is recruiting for its Tel Aviv site:

For the role of Sr. Algorithm Engineer

About Nyxoah:

Nyxoah is a medical device company, focused on developing and commercializing a disruptive neurostimulation based therapy for the treatment of Obstructive Sleep Apnea (OSA). Headquartered in Mont-Saint-Guibert (Belgium) with R&D center in Tel Aviv (Israel), Nyxoah was co-founded in 2009 by Robert Taub.

The company has developed the first and only lead-free neurostimulator, capable of delivering bilateral hypoglossal nerve stimulation to moderate to severe OSA patients, who have failed conventional CPAP therapy. For more information, please visit www.nyxoah.com.

Job Description:

Location: Tel Aviv – 126, Yigal Alon st.

Full time.

We're looking for an experienced Algorithm Engineer to join us in the Research team, as part of our R&D group. The responsibilities of the position are:

- Leading an end-to-end research project, comprising:
Fast prototyping, feasibility studies (bench testing, pre-clinical or clinical), specification and implementation of medical product components.
- Using innovative technologies that combine research and commercial oriented projects.
- Analyzing and modelling information from physiological data.
- Implementing advanced signal processing and machine learning algorithms.
- Testing and evaluating algorithms performance.
- Managing and maintaining configurations of source code, software components and tools.

Position Requirements:

- MSc. / PhD. in Biomedical/Electrical/Computer Science Engineering or equivalent.
- At least 5 years of experience in algorithm development (real-time signal processing and ML).
- Strong programming capabilities in Python – must
- Knowledge in frameworks as NumPy, Pandas, SciKit - must
- Experience in physiological signals – high advantage
- Knowledge in Obstructive Sleep Apnea – advantage
- Experience in assisting clinical / pre-clinical studies - advantage
- Strong ability for independent end-to-end implementation of algorithm solution: problem analysis and definition, mathematical solution, code implementation.
- Motivated, creative and a self-learner.
- Team oriented, collaborative, good personal relationships
- Hands on approach
- Very Good English skills (speaking, reading and writing)

If you are someone who enjoys working in a creative and innovative work environment, and would like to join our team, please submit your resume to: sarah.kohn@nyxoah.com.

We thank all applicants for their interest in our organization, however; only those selected for an interview will be contacted.