



שיבא - מרכז רפואי אקדמי מצטיין

The Center of Advanced Technologies in Rehabilitation, Sheba Medical Center

Position opportunity

Job title: Research and development engineer – Internship position

Job description:

- Developing algorithms for automatic analyses of data, usually in the form of signal processing, of long term signals, in particular EEG, EMG, ECG, eye tracking
- Data analysis
- Data mining
- Self-learn from literature on new processes and procedures
- Working with researchers on providing specific solutions
- Writing parts of reports, manuscripts and grant proposals
- Laboratory hardware and software installments
- Participate in data collection (i.e., run experiments as part of a team).
- Make presentations of results
- Communications with companies, developers, and with in-hospital entities
- Supporting students who are conducting their research in the center
- Contribution to lab administrative needs

Framework:

- Full time job
- Reporting directly to the Science director of the center (Dr. Meir Plotnik)

Requirements:

- A degree in engineering (Bio-Medical / Electrical)
- Knowledge and experience with MATLAB, in particular signal processing, and GUI generation
- Experience with hardware installments – "**technophile**"
- Full control in Microsoft office softwares
- Team player
- Curiosity and research affinity
- High level English
- Willingness to go abroad to represent the lab

*The person who will be recruited will increase his/her knowledge and expertise in all these areas and will have an exposure to the state of the art research & development projects.

Website: <https://eng.sheba.co.il/CATR>

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