

Technion Medical AI Lab

Open positions in Efrat Shimron's new medical imaging lab

We are recruiting talented, motivated individuals for **M.Sc. or Ph.D. studies** in either the **Biomedical Engineering faculty** of **Electrical Engineering faculty**. There are also some open spots for undergraduate (4th year) projects.

Research focus: developing *machine learning algorithms, sampling methods*, and *3D-printed realistic phantoms* for fast imaging with Magnetic Resonance Imaging (MRI).

Required background:

- Signal and image processing (DSP & computer vision) courses
- Machine learning - theory & practical experience
- Coding in Python - PyTorch/TensorFlow

Interested? Please send an email to Assist. Prof. Efrat Shimron – efrats@technion.ac.il | Please include your CV, grades transcript, and 1-2 paragraphs about your previous experience & aims | Lab website: www.efratshimron.com

