

# 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 (4<sup>th</sup> 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](mailto:efrats@technion.ac.il) | Please include your CV, grades transcript, and 1-2 paragraphs about your previous experience & aims | Lab website: [www.efratshimron.com](http://www.efratshimron.com)

