

NYU School of Medicine
Postdoctoral Fellow Position in Deep Learning for Medical Image Analysis
New York, USA

NYU School of Medicine is one of the nation's top-ranked medical schools. For over 175 years, NYU School of Medicine has trained thousands of physicians and scientists who have helped to shape the course of medical history and enrich the lives of countless people. An integral part of NYU Langone Health, the School of Medicine at its core is committed to improving the human condition through medical education, scientific research, and direct patient care.

We are looking for a postdoctoral fellow who is interested in developing deep learning methods to discover imaging biomarkers for predicting the knee osteoarthritis progression from magnetic resonance images. We are interested in working on methods for improving the classification accuracy and exploring human level interpretability of developed methods. The postdoctoral fellow will work as a part of an interdisciplinary team with an expertise in musculoskeletal imaging and machine learning research.

Expected Qualifications:

- Ph.D. (or near completion) in computer science, machine learning, electrical engineering, or in a related field
- Two years hands-on experience with deep neural networks
- Excellent programming skills, preferably in Python
- Experience with volumetric data

If you are interested in the position,
please send your CV and publication list to Cem M. Deniz, PhD. (cem.deniz@nyulangone.org)
with the title of the email starting with [PostDoc for Knee OA]

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