

January 28, 2019

We are looking for a PhD student / Postdoc fellow to join our cardiac electrophysiology #ML group @ NYU Langone .

Our group is focused on developing cutting edge technology to study, diagnose and treat heart rhythm problems, utilizing data generated by advanced imaging, navigational and therapy tools.

The candidate will apply machine learning/advanced analytics tools to design systems that interact with and provide meaningful insight based on large scale medical data sets.

And...work and live in the amazing NYC!

Required skills:

- Very high theoretical and technical independence, operating without close supervision
- M.Sc./Ph.D. in Electrical Engineering, Computer Science, Mathematics, Physics or other closely related field
- Relevant experience in signal/image processing, machine learning/AI, including ensemble learners, deep learning, reinforcement learning
- Experience working with simulation and software development and scripting languages (Matlab, Java, Python, Ruby) and analytic solutions (GraphX)
- Experience with PyTorch and TensorFlow; GPU optimization large-scale artificial neural networks
- Understanding of Next Generation Sequencing and genetic analysis – advantage
- Proven project and team management skills – advantage

Contact :lior.jankelson@nyumc.org

Sincerely,

Lior Jankelson, MD PhD