We are looking for a postdoctoral fellow with expertise in signal processing, machine learning, and data science research in healthcare applications to join our dynamic, multidisciplinary research team at KITE – Toronto Rehabilitation Institute (@YunusovaLab and @Babak_Taati). The candidate must have a PhD in a relevant field and demonstrate consistent publication/presentation record.

Ideal candidates must possess the following technical skills that would allow them to excel in the role:

- Strong programming skills (Python and/or Java/JavaScript) (please share your GitHub or reference to open-source contributions if you have any)
- Data visualization using standard data science tools (e.g., those available in R and Python)
- Experience with machine learning, deep learning, and data science platforms (PyTorch, scikit-learn, TensorBoard or W&B, etc.)
- Experience with signal processing and computer vision (e.g., OpenCV)
- Experience with web design

Candidates should also possess broad skills/attributes such the ability to work within a multidisciplinary group, excellent time management and experience with, or interest in developing project management skills.