**Position Description:**

- Algorithms developer at the newly created Medtronic Innovation Center, tackling image processing, machine learning and deep learning challenges for clinical predictive analytics and big data solutions.

**Key Job Responsibilities:**

- Develop algorithms for white light image and video quality assessment and processing.
- Develop efficient machine learning solutions on big data clinical imagery based on deep-learning techniques.

**Job Requirements:**

**A. Education:**

- PhD in Computer Science or equivalent, focused on image processing and machine learning algorithms.

**B. Experience:**

- Wanted (but not must):
  - 1 year experience in the industry
  - Experience in white light imaging related algorithms development (industry or academics)
  - Experience in machine learning / deep learning development (industry or academics)
  - Experience in medical imaging algorithms development (industry or academics)

**C. Skills:**

- Must:
  - Strong mathematical base
  - Strong grasp of machine learning principles
  - Deep knowledge in image processing theory
  - Knowledge in deep learning principles
• **Highly wanted:**
  
  o Experience in white light image processing  
  o Experience in Python & its scientific libraries  
  o Experience in Matlab  
  o Experience in distributed, parallel & multi-threaded software development  

• **Wanted:**
  
  o Experience in deep-learning frameworks such as TensorFlow / Theano  
  o Deep knowledge in computer science principles, Object oriented design

Please send your CV to: Lilach.carmely-dagan@medtronic.com