Full/Part-time MR/CT Perfusion Imaging Analysis Scientist

Overview

YIWEI Medical Technology Co., Ltd (www.drbrain.net) is the leading AI company for brain imaging. With the team’s strong background in scientific research and medical industry, it focuses on the precise assessment and diagnosis of various brain diseases by using advanced medical imaging techniques. We are now hiring imaging analysis scientist for perfusion MRI/CT project for stroke imaging. We accepted part-time applications.

Responsibilities

- Responsible for the project of MR (PWI-DWI)/CT perfusion algorithm design for ischemic stroke
- Set up the data collection standard in clinical circumstance for the project
- Build the pipeline for perfusion algorithm and coding
- Corresponding technical documents writing

Required Qualifications:

- Advanced knowledge of perfusion imaging
- Familiar with central nervous system and the clinical workflow of ischemic stroke
- Familiar with radiological image quality metrics
- Familiar with processing tools such as 3D slicer, Radiant, ITK, VTK for radiological image
- Strong programming skills in languages such as Python, C++, MATLAB

Preferred Qualifications:

- Good written and verbal communication skills
- Ability to work both independently and collaboratively on assigned projects

Minimum Education

- Ph.D. in biomedical engineering, medical physics, neurology, computer sciences or related scientific field required.

Minimum Experience

- One (1) year’s research or work experience in medical image analysis is required.

Please send your CV to Dr. Pauil Ma, pauil.ma@szdrbrain.com

Or Dr. Lawrence Wang, lawrence.wang@szdrbrain.com