**Full/Part-time Medical Imaging Analysis Scientist**

**Overview**

Dr. Brain (Yiwei Medical Technology, www.drbarin.net ) is the world's leading brain science application research institution. 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 core technologies such as artificial intelligence and big data.

**Responsibilities**

* Combine knowledge of medical imaging and clinical needs to develop algorithms for analyzing multimodality imaging (MRI, CT, PET)
* Familiarity with perfusion imaging analysis, diffusion imaging analysis, fMRI analysis et al
* Provide corresponding technical support for medical image data processing

**Required Qualifications:**

* Advanced knowledge of Magnetic Resonance Imaging (MRI) and Computerized Tomography (CT) , Perfusion MRI and CT are preferred
* Familiarity with radiological image quality metrics
* Familiarity with processing tools such as 3D slicer, Radiant, ITK, VTK for radiological image
* Strong programming skills in languages such as MATLAB, Python, C++

**Preferred Qualifications:**

* Familiarity with central nervous system
* Good written and verbal communication skills
* Ability to work both independently and collaboratively on assigned projects

**Minimum Education**

* Master degree 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.

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