Staff Scientist (Cloud Computing)
Radiology Machine Learning/Image Understanding

The NIH Imaging Biomarkers and Computer-Aided Diagnosis Laboratory is **world-renowned**, with recent successes including public release of the NIH Chest X-Ray Dataset, the DeepLesion Dataset and multiple MICCAI and CVPR papers. We are seeking a Staff Scientist to support our research and clinical efforts in machine learning/image understanding and computer-aided diagnosis. We are primarily interested in candidates with expertise in setting up cloud computing environments, machine learning on the cloud, and deployment of machine learning models on the cloud. In particular, we plan to use Amazon AWS services. Having experience with AWS Sagemaker and Amazon Mechanical Turk is highly preferred. The incumbent will work closely with a team of computer scientists, engineers and radiology technologists and support post-doctoral and other trainees. In addition to performing collaborative research, the incumbent may need to interact closely with the NIH Center for Information Technology (CIT), PACS/RIS section, and the clinical staff in Radiology and other NIH departments.

Applicants with a proven track record as evidenced by relevant certifications or experience in cloud-based computing and model deployment are encouraged to apply. Applicants should have experience in deep learning frameworks, including PyTorch and TensorFlow, and should be well versed in model deployment methodologies including containerization (e.g., Docker), and Kubernetes. The candidate should have an M.S. in Computer Science or related fields; Ph.D. is preferred. Salary commensurate with experience. Applications should include a CV and three letters of reference.

This is a contractor position. Selection for this position will be based solely on merit, without discrimination for non-merit reasons such as race, color, religion, sex, national origin, politics, marital status, sexual orientation, physical or mental handicap, age or membership or non-membership in an employee organization. All applicants will be subject to a background investigation.

Address applications to:
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