

job

CT Research Scientist

Cleveland, OH

The Advanced System Development Center (ASDC) of United Imaging Healthcare is a highly experienced group of multidisciplinary experts dedicated to advanced CT system development. We are currently seeking for a talented and motivated scientist to join our Cleveland development center.

MAIN RESPONSIBILITIES

Develop advanced CT imaging algorithms for future products.

Work on current algorithms to improve image quality of the current products.

Participate in communication and serve as a liaison with engineers in our Shanghai headquarters.

QUALIFICATION REQUIREMENTS

PhD in Medical Physics, Computer Science, Biomedical Engineering, Electronic Engineering, Mathematics or a related field.

Expertise in image reconstruction for transmission tomography.

Solid background in X-ray physics and imaging science.

Excellent interpersonal skills.

Proficiency in CUDA, C/C++, Matlab, or other prototyping programming languages.

PREFERRED SKILLS & EXPERIENCE

Strong skills in iterative image reconstruction.

Experience in motion compensation.

Experience in multi-energy CT imaging.

Experience in machine learning.

Experience in image registration.

Experience in x-ray physics simulation.

Proficiency in high performance computing.

Knowledge in medical device regulation.

Strong publication record (including patents).

Knowledge of spoken and written Chinese language is a plus.

Email your resume to career_hr@united-imaging.com and szabic1@gmail.com including the job title and location