



United Imaging

Hiring Top Talent for our CT Research & Development Team

Who we are?

United Imaging is a leading global medical device developer and supplier with a diversified portfolio of advanced medical products, digital healthcare solutions, and intelligent solutions that cover the entire process of imaging diagnosis and treatment. From our North American HQ in Houston, we are passionate about expanding our customer sales and support structure, embracing the highest quality and craftsmanship in each of our medical imaging products, and dedicated to building an outstanding organization.

Join our innovative team with the mission of developing and supplying advanced technologies and improving patient care worldwide. As part of our global team, you will have the opportunity to collaborate with talented and dedicated colleagues while developing and expanding your career.

Company Website: <http://www.united-imaging.com/en/home/>

Benefits

When joining our team, we offer the following benefits: medical, dental, vision, short- & long-term disability insurance, employee assistance program, company paid basic life insurance, 401(k) with employer match, paid time off, sick leave, and paid holidays.

If interested, please contact **Wenying Wang** for more information:
wenying.wang@united-imaging.com



CT Algorithm Research Scientist

Location: Houston, Texas | Classification: Full-Time

Duties & Responsibilities

As a **CT Algorithm Research Scientist**, major responsibilities will include, but are not limited to:

- Develop and implement advanced imaging algorithms for CT clinical applications, scientific research, and pre-clinical studies. Demonstrate the effectiveness and accuracy of the algorithms using appropriate quantitative metrics.
- Participate in the development of research and development plans for advanced CT product. Collaborate with internal development teams and research partners for the comprehensive evaluation and testing of prototypes and new products.
- Maintain clinical and technical expertise. Regularly share up-to-date knowledge of new developments in the CT imaging field within the group and actively seek out new opportunities for research project development. Review and evaluate mature technologies for potential incorporation into medical imaging products.
- Track milestones and deliverables of research projects. Maintain accurate budget assessments and contribute to internal strategic budget planning.
- Participate in publication of results at conferences and in peer-reviewed journals. Protect innovations with invention disclosures.

Minimum Requirements

Education

- PhD in Biomedical Engineering, Medical Physics, Computer Science, Electrical Engineering, Data Science, or related fields.

Experience

- CT research experience with a proven track record of scientific publications.
- Background of medical imaging, artificial intelligence and/or clinical experience is preferred.

Required Skills or/ Attributes

- Excellent communication and presentation skills.
- Strong communication and collaboration skills with great ambition.
- Experience working in a clinical and interdisciplinary environment.
- Take initiative and lead projects in a multi-disciplinary global team.
- Desire to learn, ask questions, and be resourceful in identifying innovative applications and creative solutions to complex problems.
- Willing and able to travel up to 25%, including short-term international trips.



CT Algorithm Research Intern

Location: Houston, Texas/Remote | Classification: Full-Time/part-time

Job Duties & Responsibilities:

Position Description:

You will be involved in the development of data processing and reconstruction algorithms for advanced CT systems.

Job Responsibilities:

- Research, develop, and implement reconstruction algorithms for an emerging spectral CT system. Demonstrate the effectiveness and accuracy of the algorithms using appropriate quantitative metrics.
- Attend weekly staff meetings of the research group.

Qualification & Requirements

- In-progress PhD in Biomedical Engineering, Medical Physics, Computer Science, Electrical Engineering, Data Science, or related fields.
- Proficient in program implementation using MATLAB and Python. Experience with deep learning frameworks is a plus.
- Basic knowledge in CT physics and optimization algorithms.
- Strong communication and collaboration skills.
- Curiosity and passion for the development of emerging technologies.