

Open Position: Imaging Scientist

Bio-Imaging Research, Inc. (BIR)

Lincolnshire, Illinois (suburban Chicago)

Emphasis Area

Computed tomography algorithms and applications.

Description

We are looking for someone who would enjoy working at the nexus between mathematical theory and practical applications. The theory portion includes the mathematical tools to understand reconstruction theory including exact 3D methods and/or statistical methods. The practical portion includes sculpting algorithms for different real-life applications, analyzing systems and data for possible improvements in the system and data processing, and devising image processing techniques to aid in better detection efficiency by human or computer.

Expertise with other signal and image processing techniques, sampling methods, and transformation methods is desirable. We prefer someone knowledgeable in C or C++ but he/she is free to use other computational tools such as MATLAB.

We expect the candidate to have (or very nearly has) an advanced degree in (medical) physics, mathematics, or engineering with a study emphasis in the areas mentioned above.

Company Information

Bio-Imaging Research, Inc. is approaching its 25th anniversary. Members of BIR have been involved in CT since its earliest days when they worked for EMI-Medical, the first modern medical imaging equipment company, the home of Sir Godfrey Hounsfield (1919-2004), Noble Laureate for the invention of CT. Since our founding, we have designed and manufactured exceptional medical and industrial imaging systems. BIR's work has a direct impact on the world in which we live. Our award winning team of innovative specialists works in a friendly environment. BIR Management recognizes that our employees are the most valuable assets, and it shows. We offer a very generous benefits package, including: generous vacation plan, medical, dental and life insurance, long and short term disability, 401(k) and an ESOP!

The candidate chosen will be a member of a small, dedicated team of imaging scientists with partners in academia and industry. We are located about 30 miles north, northwest of downtown Chicago in an area known for excellent schools and recreational opportunities along with all of the cultural activities (theatres, symphonies, operas, museums) of a major metropolitan area.

Contact Information

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