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The Department of Radiology at Mayo Clinic in Rochester, MN is seeking a postdoctoral Research Fellow with a background in magnetic resonance image (MRI) reconstruction for the Compact 3T research program. This position will provide opportunity to develop novel image reconstruction technologies, be motivated by real clinical problems, and gain experience collaborating with industry partners. The compact 3T scanner is co-located with our clinical neuroimaging scanners at Mayo Clinic, yet entirely dedicated for research use by our team.

In addition to prior MRI experience, the successful candidate for this postdoctoral position will have demonstrated expertise in statistical signal processing and nonlinear optimization theory, and experience applying these tools at least one of the following for MRI: undersampled data reconstruction (e.g., compressed sensing); artifact correction; or quantitative imaging. Proficiency with Matlab or C/C++ (preferred) is expected.

If you have any questions about either specific project opportunities or your qualifications, please contact Dr. Joshua Trzasko at trzasko.joshua@mayo.edu. To apply for this position, please visit the Mayo Clinic job portal:

<https://www.mayo-clinic-jobs.com/job/Rochester-Research-Fellow-Radiology-Engineering-Job-MN-55901/432888300/>

If this link does not work for you, please search that website by requisition ID: 88509BR.