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Postdoctoral Position at Yale University in Machine Learning for Cryogenic Electron Microscopy

A postdoctoral position is available in the Tagare lab at Yale University (New Haven, CT, USA): <https://noodle.med.yale.edu/hdtag/profile.html>. This position will focus on machine learning for cryogenic electron microscopy (cryo-EM). The position is available from May 2024.

Cryo-EM is an exciting new modality for reconstructing the three-dimensional structure of proteins in cells. This postdoctoral position involves designing, implementing, and testing machine learning algorithms for cryo-EM. Prior knowledge of cryo-EM is not necessary. However, familiarity with machine learning (theory and algorithms) and programming experience with Python is essential. Familiarity with Python machine learning libraries (e.g., PyTorch) and modern deep learning is a big plus. Candidates with a background in computer science, software engineering, and statistics are encouraged to apply. Please email your CV and one publication/manuscript to Prof. Tagare at hemant.tagare@yale.edu.

