Add Postdoc Position Listing

Medical Imaging AI Lab | University of Colorado Anschutz

Investigator name (required)

Harrison Bai, MD, MS

Laboratory focus (250 characters max)

The Medical Imaging AI Lab develops artificial intelligence for medical imaging and clinical decision-making, focusing on foundation models, multimodal learning, generative AI, and autonomous AI agents for diagnosis and patient care.

233 / 250 characters

Position description (1,000 characters max)

The Medical Imaging AI Lab at the University of Colorado Anschutz seeks a highly motivated postdoctoral fellow to develop innovative AI methods for medical imaging and clinical applications. Research areas include medical imaging foundation models, vision-language models, generative AI, multimodal learning, synthetic data, and autonomous AI agents for clinical decision support. The fellow will design and evaluate deep learning methods, analyze medical imaging datasets, collaborate with radiologists and computational scientists, and lead manuscripts for high-impact publications. Applicants should have a PhD in computer science, biomedical engineering, electrical engineering, or a related field, with strong Python/PyTorch and machine learning skills. Experience in medical imaging, large language models, or computer vision is preferred. The position offers interdisciplinary mentorship and opportunities for independent research.

938 / 1,000 characters

Optional application instructions

Please submit a CV, a brief statement of research interests, and contact information for three references. Applications will be reviewed as received.

Contact information (required)

Harrison Bai, MD, MS | harrison.bai@cuanschutz.edu Department of Radiology, University of Colorado Anschutz School of Medicine

Job Type

Postdoctoral Fellow (full-time; confirm official appointment classification before posting)

Application method

Recommended: Applicants will apply via Postdoc Jobs (confirm selection in the submission portal).

Send application submissions to

harrison.bai@cuanschutz.edu (if direct email routing is supported)

Lab website

https://medschool.cuanschutz.edu/radiology/research/labs/ai-medical-imaging-lab

Submission note: This PDF is a prepared listing, not a submitted application or an official CU Anschutz form. Confirm job type and routing before submitting.