

Postdoc/RA Opportunities on AI, Robotics & Perception at CUHK Hong Kong

There are multiple openings for Postdoc/RA to perform research on Medical Robotics Perception & AI at The Chinese University of Hong Kong (CUHK, Hong Kong). Particularly, the main areas of interest include AI-assisted endoscopic diagnosis, biorobotics & intelligent systems, multisensory perception, AI learning and control in image-guided procedures, medical mechatronics, continuum, and soft flexible robots and sensors, deployable motion generation, compliance modulation/sensing, cooperative and context-aware flexible/soft sensors/actuators in human environments. For more details, please refer to the recent publications on Google Scholar or the lab website <http://labren.org/>.

The scholars will have opportunities to work with an interdisciplinary team consisting of clinicians and researchers from robotics, AI & perception, imaging, and medicine.

Qualification

- * Background in AI, Computer Science/Engineering, Electronic or Mechanical Engineering, robotics, medical physics, automation, or mechatronics background
- * Preferably have hands-on experience in AI/robots/sensors, instrumentation, intelligent systems
- * Strong problem-solving, writing, programming, interpersonal, and analytical skills
- * Outstanding academic records/publications or recognitions from worldwide top-ranking institutes
- * Self-motivated and preferably with strong academic records

Application

Qualified candidates are invited to express their interests through an email with detailed supporting documents (including CV, transcripts, HK visa status, research interests, education background, experiences, GPA, representative publications, demo projects) to Prof. Hongliang Ren ASAP email: hlren@ieee.org. We appreciate your understanding that only shortlisted candidates will be invited to interview.