

Post-doctoral Fellow / Senior Research Assistant / Research Assistant I/II (Four posts)

(Ref: 2300392)

Department of Mathematics and Information Technology

Project Title: An Intelligent multi-modal system for Boccia Training

[Appointment Period: 12 months]

The appointees will participate in various research projects related to human motion tracking and analysis with wearable sensors and video cameras. They will be responsible for conducting literature review, digital system development, data collection, programming, data analysis and drafting research reports. They are also expected to provide administrative support to the research team. There will be opportunities for manuscript writing and publications in international journals. The appointment will be initially for a period of 12 months, with the possibility of renewal subject to mutual agreement.

Applicants for Post-doctoral Fellow should have a Doctoral degree in Information Technology, Computer Science, Sports Science, Psychological Science, Occupational Science or related fields.

Applicants for Senior Research Assistant should have a Master's degree in Information Technology, Computer Science, Sports Science, Psychological Science, Occupational Science or related fields, plus one-year post Master's degree full-time working experience, or a Doctoral degree in the above-mentioned disciplines.

Applicants for Research Assistant I should have a Bachelor's degree in Computer Science, Data Science, Psychological Science, Occupational Science or related fields, preferably with a Master's Degree.

Applicants for Research Assistant II should have at least Level 2 or equivalent or above in five subjects including Chinese Language, English Language and Mathematics in HKDSE; or Grade E (Level 2) or above in five subjects including Chinese, English (Syllabus B) and Mathematics in HKCEE or equivalent. Preference will be given to applicants with a Bachelor's degree or above in Computer Science, Data Science, Psychological Science, Occupational Science or related fields.

For the post of Post-doctoral Fellow or Senior Research Assistant, applicants should also have extensive experience in data analysis, programming, networking, database management, interface design, digital systems or wearable device; and have good communication skills in both written and spoken English and Chinese. Experience in Python, R, PyTorch, C++, Java or OpenCV is preferred. Applicants with less relevant experience may be considered for the post of Research Assistant I or Research Assistant II.

For further enquiries about the post, please contact: Dr Fu Hong at hf@eduhk.hk.

Salary will be commensurate with qualifications and experience.

Initial appointment will be made on a fixed-term contract. Fringe benefits include contract-end gratuity, leave, medical and dental benefits.

The University only accepts and considers applications submitted online for this post. Applicants should complete the [online application form](#) and upload a full CV. **Review of applications will start from 26 April 2023, and will continue until the post is filled.** Applications which are incomplete or without the required documents may not be considered. Personal data provided by applicants will be used for recruitment and other employment-related purposes. For details of the Personal Information Collection Statement, please refer to <http://www.eduhk.hk/jobsopp/index.php?glang=en>.

All applications will be treated in strict confidence. Only those who are shortlisted will be contacted. The University reserves the right not to fill the position(s) advertised. Since the incumbent's work would involve contacts with persons aged under 18 and/or mentally incapacitated persons, prospective employee(s) will be required to undergo Sexual Conviction Record Check operated by the Hong Kong Police Force.

Further information about the University is available at <http://www.eduhk.hk>.

EdUHK is an Equal Opportunities Employer.