

Project Assistant (Ref: 2600159)
Department of Mathematics and Information Technology

The project aims to develop a multimodal sensing and computer vision system to capture and analyze hand movements, enabling accurate and efficient evaluation of hand function through machine learning and biomechanical analysis. The project involves developing sensing hardware, motion capture systems, and data-driven algorithms to support intelligent assessment and rehabilitation research. The appointment will be for a period of around 6 months.

The appointee will provide research and project support for the development and evaluation of the AI-enabled hand assessment system. The main duties include assisting in the setup and testing of sensing devices and hand motion capture systems, supporting experimental preparation and data collection involving hand movement recordings, assisting in data organization and basic data analysis for deep learning and computer vision research, maintaining proper documentation of experiments and project progress, coordinating project activities and meetings, and supporting the preparation of research reports, demonstrations, and project dissemination activities.

Applicants should have a Bachelor's degree or above in Computer Science, Electronic Engineering, Artificial Intelligence, Biomedical Engineering, or related disciplines, preferably with relevant working or research experience. Applicants should have basic programming knowledge, preferably in Python or related tools for data processing. Familiarity with computer vision, sensing systems, robotics, or human motion analysis will be an advantage. Applicants should also possess strong interpersonal and organizational skills, and good verbal and written communication skills in English and Chinese, as well as the ability to work independently and collaboratively in a research team environment. The appointee should be responsible, self-motivated, and capable of handling multiple tasks in a research project setting.

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

Salary will be commensurate with qualifications and experience. Fringe benefits include leave and outpatient medical 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 on or before **26 March 2026**. 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.

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

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