

**Research Assistant I (Ref: 2500292)**  
**Department of Mathematics and Information Technology**

**Project Titles: A Multimodal Neural Network Approach for Evaluating and Enhancing Handwriting Proficiency in Children**

**[Appointment Period: 12 months]**

This project focuses on developing a multimodal system for evaluating and enhancing handwriting proficiency in children. The objective is to create and optimize an innovative framework that integrates posture, eye movement, etc., data modalities to assess handwriting quality and provide feedback for improvement. The project will also explore the effectiveness of the proposed methods in enhancing children's handwriting skills.

The appointee will be responsible for supporting this project. He/she will assist in building the multimodal system and designing the experiment, searching the literature, analyzing data, writing reports, managing administrative work, and performing any other duties as assigned by the project leader(s). There will be opportunities for manuscript writing and publication in international journals.

Applicants should have a Bachelor's degree or above in Education Technology, Computer Science, Information Technology, or a related discipline. They should have strong communication, presentation, and interpersonal skills in both written and spoken English and Chinese. They should also exhibit strong enthusiasm, self-motivation, and the ability to work independently and under pressure. Experience in developing AI systems and familiarity with programming for creating simulations will be considered a valuable asset.

For further enquiries about the post, please contact Dr Fu Hong at [hfu@eduhk.hk](mailto:hfu@eduhk.hk).

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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 24 March 2025, and will continue until the post are 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>.

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