

Research Assistant I (Ref: 2500985)
Department of Mathematics and Information Technology

Project Title: AI-powered DSE Mathematics learning platform: Academic Performance, Creative Problem Solving Skills, and Learning Engagement

[Appointment Period: 8 months]

The appointee will join a research project as captioned above. The project aims (1) Develop an AI-powered mathematics learning system to achieve the project's instructional objectives; (2) Explore its impact on the mathematics education process and integrate it into educational settings to enhance student learning outcomes. The appointment will be for a period of 8 months, with the possibility of renewal subject to mutual agreement.

The appointee will be responsible for supporting the research project. He/she will assist in searching literature, developing educational tools and platforms, conducting experiments, analyzing results, writing papers and reports, managing administrative tasks, supervising part-time student helpers, and performing other duties as assigned by the project leader.

Applicants should possess a recognized Bachelor's degree, preferably in Computer Science, Educational Technology, or a related discipline. Candidates are expected to demonstrate strong skills in project management, academic writing, and the development of teaching platforms and educational tools. Proficiency in software development and familiarity with integrating AI technologies into educational contexts will be advantageous.

For further enquiries about the post, please contact Dr. Sun Daner at dsun@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 on or before **25 September 2025**. 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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