

**Research Assistant II (Ref: 2500769)**

**Department of Mathematics and Information Technology**

**Project Titles:**

**(1) Bridging Horizons: An AI-Powered STEM Learning Initiative in Space and Marine Education**

**(2) Revitalizing Mathematical Proficiency using AIScaffoldiaMaths: Empowering Students in Low-Resource Families through AI-Powered Supports in Informal Learning Environments**

**[Appointment Period: 12 months]**

The appointee will join a research project as captioned above. The project aims (1) to enhance the capabilities of generative AI through fine-tuning of large language models to address key project objectives; (2) to explore their impact on the STEM education process and promote students' learning outcomes in STEM fields through model adaptation and integration into educational settings. The appointment will be for a period of 12 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 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. Preferably have a Bachelor's degree 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](mailto:dsun@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 on or before **6 August 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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