

Research Assistant II (Ref: 2600782)
Department of Mathematics and Information Technology

Project Title: AI-Supported English Writing for Primary Students
[Appointment Period: 3 months]

The appointee will work on a research project on revising a Gen AI-driven platform to support creative writing. He/She will support the research team in planning, conducting, and coordinating the project activities. Applicants should have a Bachelor's or Master's Degree in Computer Science, Artificial Intelligence, Software Engineering, Information Technology, Educational Technology, or a related discipline, with a strong interest in generative AI, AI for education, and intelligent learning systems.

Applicants should preferably possess the following qualifications and experience:

- o Strong programming skills in Python and JavaScript/TypeScript;
- o Experience in back-end development, API design and integration, database management, and server-side deployment;
- o Hands-on experience integrating Large Language Models (LLMs) or generative AI APIs into web applications;
- o Familiarity with prompt engineering, LLM-based workflows, structured outputs, and AI system debugging;
- o Ability to conduct system testing, debugging, performance monitoring, and ongoing maintenance;
- o Knowledge of data privacy, user authentication, secure data storage, and responsible AI practices is highly desirable;
- o Experience developing educational technology platforms, AI-powered learning systems, learning analytics systems, or child-friendly applications is a strong advantage;
- o Good command of written and spoken English and effective communication skills;
- o Strong problem-solving skills, self-motivation, attention to detail, and the ability to work independently under tight timelines.

Major duties include: Supporting literature review and research instrument development; designing and refining AI supported ESL writing activities and lesson plans; liaising with participating schools and teachers; supporting classroom implementation and data collection; preparing and managing research data; conducting preliminary quantitative and qualitative analyses; and other research duties assigned by project PI.

Applicants should have (i) 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.

For further enquiries about the post, please contact Dr Yang Yin Nicole yyin@eduhk.hk

Salary will be commensurate with qualifications and experience.

Initial appointment will be made on a fixed-term contract. 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 **21 September 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/jobopp/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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