

Research Assistant II (Ref: 2600893)
Centre for Learning, Teaching and Technology

Project Title: Developing an LLM-based Multi-Agent Language Learning Platform: Personalized Tutoring and Contextual Simulation
[Appointment Period: 6 months]

The appointee will participate in a research project focused on LLM multi-agent system framework construction and model development for constrained educational role-play, personalized tutoring interaction and contextual simulation emotion detection. He/she will be responsible for

- participating in the research and development of an LLM-powered multi-agent language learning platform, focusing on boundary constraint design for agent role-play dialogue and knowledge editing optimization for educational scenario generation;
- carrying out data-centric quantitative analysis to summarize agent behavioural boundary rules, verify knowledge editing performance in personalized tutoring modules, and analysing error transmission risks in contextual simulation conversations; and
- performing any other duties as assigned by the Principal Investigator or his delegates.

There will be opportunities for manuscript writing and publications in international journals or conferences. The initial appointment will be for a period of 6 months, with the possibility of renewal, subject to performance and mutual agreement.

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; A Bachelor's Degree or above in Data Science, Computer Science, Information Technology, Artificial Intelligence, Educational Technology or a closely related discipline with expertise in data science or artificial intelligence will be an advantage. Applicants should have good communication skills in both written and spoken English and Chinese, as well as good interpersonal and communication skills. Applicants should be mature and able to work independently. Preference will be given to those with research and/or project development experience.

For further enquiries about the posts, please contact Dr. YANG Yu at yangvy@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 **27 October 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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