香港教育大學
The Education University of Hong Kong

Research Assistant I (Part-time) (Ref: 2600981)
Faculty of Humanities

[Appointment Period: 12 months]

The appointee will play a key role in developing an interactive educational game "人間草木" from prototype to launch. The appointee should have solid CS and engineering fundamentals; know JavaScript/TypeScript or C#; and have experience with at least one game/graphics framework, to build a state-machine-driven herb care and growth, Chinese pentatonic melody composition, configurable cultural tasks, and responsive interactions.

The appointee will integrate rule engines or lightweight AI for companion-style hints and mood-journal analysis—explainable, switch-off-able, and non-judgmental. The appointee must understand child privacy and Hong Kong PDPO compliance: data minimization, local-first storage, de-identification, and access control. Also required: WCAG accessibility, low-stimulation UI, cross-platform compatibility, and performance optimization. The appointee should also use Git, testing, and CI/CD, write documentation, and collaborate with music, Chinese medicine, education, and mental-health advisors to turn cultural-learning and emotional-regulation goals into testable requirements. No AI research is required, but the appointee must integrate AI safely, restrainedly, and effectively, and ensure engineering quality for youth user experience. Experience with Web Audio API or similar audio engines is required, including note scheduling and low-latency audio.

Applicants should possess at least a Bachelor's degree, preferably a Master's degree, in Humanities or Computer Science. Applicants with experience related to AI model implementation are desirable. This position welcomes applications from outstanding current students or recent graduates. Familiarity with audio technology for app development (e.g. Web Audio API, MIDI, audio programming or music notation rendering) and strong editorial skills will be an advantage. Applicants should have proficiency in English and Chinese (including Cantonese and Putonghua), strong attention to detail, self-motivation, excellent communication and organisational skills, and the ability to work effectively both independently and as part of a team. The successful applicants will have an appointment duration of 12 months.

Salary will be commensurate with qualifications and experience.

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 **26 November 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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