

Research Assistant I (Ref: 2401294)
Department of Mathematics and Information Technology

Project Titles: i) Developing a Metaverse Platform with Virtual Reality - 'LearningverseVR' for Learning and Teaching; ii) Developing artificial intelligence agents in an immersive learning environment - 'AGILE' to improve university students' academic presentation competency and self-directed learning

[Appointment Period: 12 months]

The appointee will be responsible for assisting in the development and enhancement of Virtual Reality (VR) and generative AI technologies. Responsibilities also include developing the 3D learning scenarios in the metaverse environment, conducting a project-related literature review and data collection, and performing any other relevant duties as needed. The appointment will be for a period of 12 months.

Applicants should have a Bachelor's Degree, and preferably a Master's degree or higher in Educational Technology, Computer Science, Information Technology, Artificial Intelligence, or a related field. The prospective candidate should possess knowledge and skills in using Unity for 3D development to construct VR environment. Applicants should have hands-on experience in programming in Python or C#, and background knowledge in generative artificial intelligence.

Applicants should have high proficiency in English and exhibit strong interpersonal and communication skills, enabling them to collaborate with interdisciplinary teams. The successful candidate will be detail-oriented, self-motivated, and able to work independently in a fast-paced environment.

For further enquiries about the post, please contact Prof Song Yanjie at ysong@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 **6 December 2024**. 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. Since the incumbent's work would involve contacts with persons aged under 18 and/or mentally incapacitated persons, prospective employee(s) will be required to undergo Sexual Conviction Record Check operated by the Hong Kong Police Force.

Further information about the University is available at <http://www.eduhk.hk>.

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