

**Post-doctoral Fellow (Ref: 2401293)**  
**Department of Mathematics and Information Technology**

**Project Title: Enhancing university students' socially shared regulation of learning (SSRL), collaborative problem-solving, and learning engagement in science learning by an adaptive SSRL mechanism in an extended reality (XR) environment**

**[Appointment Period: 12 months]**

The appointee will be responsible for providing research and coordination support for the research project, and reporting the project outcomes.

Duties include conducting literature review, developing and validating research instruments and experiments; conducting quantitative and qualitative data analysis; writing academic papers and reports, as well as performing other duties assigned by the project principal investigator. The appointment will be for a period of up to 12 months and renewable upon mutual agreement. Applicants should have a Doctoral Degree in Artificial Intelligence, Educational Technology, Computer Science, or related disciplines, with strong statistical analysis ability.

Applicants should have a Doctoral degree, and have an excellent command of English and Chinese, high capability of conducting statistical analysis, and writing academic papers and reports independently. A sound background in multimodal learning analytics and experience in using statistical packages such as SPSS, R and Python, is advantageous. Applicants should be self-motivated and able to work as a team member and able to work independently in a fast-paced environment. Applicants with academic background and research experience in related fields would be preferable.

For further enquiries about the post, please contact Prof Song Yanjie at [ysong@eduhk.hk](mailto:ysong@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. **Review of applications will start from 6 December 2024, and will continue until the post are filled.** 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/jobsoff/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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