香港教育大學
The Education University of Hong Kong

Senior Research Assistant (Ref: 2600142)
Centre for Learning, Teaching and Technology

Project Titles: Towards Demand-driven Education in AI Era: A Predictive Recommender Approach & Developing an Integrated Chatbot System for Enhancing Social Interaction Skills and Global Perspectives
[Appointment Period: 4 – 6 months]

The appointee will participate in a research project focused on Artificial Intelligence (AI) for education and Artificial Intelligence Generated Content (AIGC) for enhancing students' social interaction skills and global perspectives. He/she will be responsible for:

- studying the requirements of demand-driven education and investigating the challenges of demand-driven education in the era of AI;
- studying and developing algorithms to predict the risk of job displacement and the upcoming trend of demanded job skills brought by AI;
- designing and implementing a course recommendation system based on the predicted trend of demanded jobs and job skills;
- studying the requirements of leveraging generative artificial intelligence to empower teaching and learning;
- studying algorithms of artificial intelligence generated content and proposing new solutions, frameworks or methodologies to improve students' social interaction skills and global perspectives;
- designing and implementing AI agent prototypes to support teaching and learning; 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 4 - 6 months, depending on the applicant's qualifications.

Applicants should have a Master's Degree in Data Science, Computer Science, Information Technology, Artificial Intelligence, Educational Technology or a closely related discipline plus one year's post Master's degree full-time working experience in data science or artificial intelligence, or a Doctorate degree in Data Science, Computer Science, Information Technology, Artificial Intelligence, Educational Technology or a closely related discipline. Hands-on experience in programming and background knowledge in generative 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. They 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 post, please contact Prof. Guandong Xu at gdxu@eduhk.edu.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 **17 March 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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