

Post-doctoral Fellow (Two posts) (Ref: 2401407)
Department of Mathematics and Information Technology

Project Title: Artificial Intelligence for Risk Management and Insurance

[Appointment Period: 12 months]

We are seeking a highly qualified individual to join our team as a Researcher in the areas of mathematical finance, actuarial science, and machine learning. The successful candidate will be responsible for conducting research projects in these fields.

The appointee shall conduct research projects in mathematical finance, actuarial science, and machine learning; manage data processing and analysis; write research papers and reports; develop and implement algorithms and models; collaborate with team members and contribute to research discussions; and perform any other duties as assigned by the Principal Investigator.

Applicants should have a Doctoral Degree in Mathematics, Statistics, Actuarial Science, Computer Science, or a related discipline. They should possess expertise in mathematical finance, actuarial science, and machine learning, strong research and analytical skills, excellent written and verbal communication skills. Proficiency in programming languages such as Python, R, or MATLAB is preferred.

For further enquiries about the post, please contact Dr CHIU Mei Choi at mcchiu@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 **20 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.

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

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