

**Research Assistant I (Ref: 2500887)**

**Department of Science and Environmental Studies**

**Project Title: Bridging Statistical Physics and Multi-armed Bandits**

**[Appointment period: 12 months]**

The appointee will be responsible for computation scientific research such as projects at the interface between statistical physics, optimization problems and machine learning. He/she will conduct computational research and carry out duties including data analysis, proposal and manuscript preparation. The appointment will be for a period of 12 months.

Applicants should have a Bachelor's degree in physics, mathematics, engineering or any related disciplines. Knowledge in computer programming and experience in computational research would be an advantage but are not necessary for application. Experience and training in theoretical physics, applied mathematics, artificial intelligence or computer algorithms will be an advantage.

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 **17 September 2025**. 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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