

Research Assistant I (Ref: 2600875)
Department of Mathematics and Information Technology

Project Title: Posterior Analysis of Bayesian Nonparametric Factor Models with Hierarchical Structure
[Appointment Period: 5 months]

The appointee will work on a research project involving Bayesian Nonparametrics and assist the Principal Investigator (PI) in developing a novel Bayesian nonparametric factor analysis framework. The appointee's responsibilities will include assisting with model formulation, conducting posterior analysis, developing and implementing computer programs, supporting simulation studies and data analysis, and contributing to the preparation of research articles. The appointment will be for approximately five months.

Applicants should have a Bachelor's Degree in Mathematics, Statistics, Computer Science, or a related discipline from a top university. They should have a good understanding of Bayesian Nonparametrics, including Dirichlet process, Chinese restaurant process, beta process, Indian buffet process, and Bayesian nonparametric factor models. Applicants should possess strong quantitative and programming skills, as well as English proficiency equivalent to at least IELTS 7.0 or CEFR level C1 if not a native English speaker. Research experience in Bayesian analysis will be an advantage.

For further enquiries about the post, please contact Dr ZHANG, Junyi at zjunyi@eduhk.hk.

Salary will be commensurate with qualifications and experience.

Initial appointment will be made on a fixed-term contract. 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 **20 October 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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