



香港大學
THE UNIVERSITY OF HONG KONG

Multiple Post-doctoral Fellow Positions in Optimization/Machine Learning, University of Hong Kong

Position

Multiple positions are available for the appointment as **Post-doctoral Fellow in the Department of Mathematics and Institute of Data Science (IDS) at the University of Hong Kong**. The post is for at least one year and the renewal for another year is subject to satisfactory performance. The applicant is expected to commence as soon as possible but the starting date is negotiable. A highly competitive salary commensurate with qualifications and experience will be offered, in addition to annual leave and medical benefits.

Qualification

1. Applicants should possess a Ph.D. degree in Mathematics, Computer Science, Industrial Engineering or a related area.
2. Self-motivated applicants with extensive research experience, strong skills in mathematics are welcome to apply. Proficiency in coding languages such as MATLAB, Python or C++ is preferred.
3. Candidates are expected to have strong research background in the area of optimization and/or machine learning. Expertise in the following topics will be considered with priority: numerical/stochastic/large-scale optimization, optimal transport, deep neural network, large language model, optimal control.

Application

The following documents are required:

1. An up-to-date C.V.
2. A cover letter
3. A list of publications
4. Two academic references (including their PhD supervisor) are required.

If interested, the applicants may email their C.V. and a cover letter to Dr. Yue Xie (yxie21@hku.hk). Any enquiry can be sent to the same email addresses. Depending on the background and willingness of the candidate, they may have a **co-advisor** at the Math Department or IDS.

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