

# THE HONG KONG POLYTECHNIC UNIVERSITY

## DEPARTMENT OF COMPUTING

### Post Specification

**Postdoctoral Fellow / Research Assistant (two posts)** (Ref. 19060410)

**[Appointment period: each for six to twelve months initially, with possibility of further appointment]**

### Duties

The appointees will assist the project leader in the research project - “Big data enabled collaborative database for non-targeted contaminants detection”. They will be required to:

- (a) study big data analytics algorithms and models to assist the contaminants detection;
- (b) design and implement the prototype for contaminants detection; and
- (c) perform any other duties as assigned by the project leader or his delegates.

### Qualifications

For the post of **Postdoctoral Fellow**, applicants should have a doctoral degree in Computer Science, Information Technology or a related field and must have no more than three years of post-qualification experience at the time of application.

For the post of **Research Assistant**, applicants should have an honours degree or above or an equivalent qualification in Computer Science, Information Technology or a related field.

For both posts, applicants should also have:

- (a) theoretical background and a good track record in big data analytics, data mining and machine learning;
- (b) hands-on experience in programming and system development;
- (c) a good command of written English; and
- (d) good communication skills.

Preference will be given to those with research and/or project development experience.

Applicants are invited to contact Prof. Jiannong Cao at tel. no. 2766 7275, fax no. 2774 0842 or email [jiannong.cao@polyu.edu.hk](mailto:jiannong.cao@polyu.edu.hk) for further information.

### Remuneration

A highly competitive remuneration package will be offered. Applicants should state their current and expected salary in the application.

4 June 2019