

THE HONG KONG POLYTECHNIC UNIVERSITY

DEPARTMENT OF COMPUTING

Post Specification

Full-time or Part-time Postdoctoral Fellow / Research Assistant (several posts) (Ref. 19031804)

[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 - “Tackling grand challenges in food safety: a big data and IoT enabled approach”. They will be required to:

- (a) study the requirements of applying the big data analytics and IoT technologies in food safety;
- (b) study data mining and machine learning algorithms, sensing techniques, sensor network, data security, data storage and efficiency;
- (c) design and implement system prototypes for analyzing and processing data; and
- (d) perform any other duties as assigned by the project leader or his delegates.

Qualifications

For the post of **Postdoctoral Fellow**, applicants should have:

- (a) a doctoral degree in Computer Science, Electronic Engineering, Information Technology or a related field and must have no more than three years of post-qualification experience at the time of application; and
- (b) theoretical background and a good track record in big data analytics, networking, distributed computing and mobile computing.

For the post of **Research Assistant**, applicants should have:

- (a) an honours degree in Computer Science or a related field; and
- (b) background knowledge of big data and IoT.

For both posts, applicants should also:

- (a) have hands-on experience in programming;
- (b) have a good command of English;
- (c) have good communication and interpersonal skills; and
- (d) be mature and able to work independently.

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 for further information.

Remuneration

For full-time appointments, a highly competitive remuneration package will be offered. Applicants should state their current and expected salary in the application.

For part-time appointments, the remuneration rates for the posts of Postdoctoral Fellow and Research Assistant are HK\$351 per hour and HK\$117 per hour respectively.

18 March 2019