

THE HONG KONG POLYTECHNIC UNIVERSITY

DEPARTMENT OF COMPUTING

Post Specification

(1) **Postdoctoral Fellow** (Ref. 20122906)

(2) **Research Assistant (two posts)** (Ref. 20122907)

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

Duties

The appointees will assist the project leader in the research project – “Towards a scalable and secure LPWAN: a collaborative edge computing framework”. They will be required to:

- (a) develop innovative solutions to improve the scalability and security of LPWANs; and
- (b) implement algorithms and carry out performance evaluation.

Qualifications

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

- (a) a doctoral degree or an equivalent qualification and must have no more than five years of post-qualification experience at the time of application;
- (b) solid research background in the related areas such as LPWAN, IoT, etc; and
- (c) a high level of responsibility associated with research projects with minimum supervision.

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

Applicants are invited to contact Dr Y. Zheng at csyqzheng@comp.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.

29 December 2020

THE HONG KONG POLYTECHNIC UNIVERSITY

DEPARTMENT OF COMPUTING

Post Specification

(1) **Postdoctoral Fellow** (Ref. 20122904)

(2) **Research Assistant (two posts)** (Ref. 20122905)

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

Duties

The appointees will assist the project leader in the research project – “Cyber security and privacy (CSP) group”. They will be required to:

- (a) develop innovative demonstrations for autonomous driving, wireless sensing, blockchain and security; and
- (b) implement algorithms and carry out performance evaluation.

Qualifications

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

- (a) a doctoral degree or an equivalent qualification and must have no more than five years of post-qualification experience at the time of application;
- (b) solid research background in the related areas such as autonomous driving algorithm development, machine learning, wireless sensing, blockchain systems, security, etc;
- (c) a high level of responsibility associated with research projects with minimum supervision; and
- (d) research experience and related publication record.

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

Applicants are invited to contact Dr Y. Zheng at csyqzheng@comp.polyu.edu.hk or Dr Bin Xiao at csbxiao@comp.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.

29 December 2020