

THE HONG KONG POLYTECHNIC UNIVERSITY

DEPARTMENT OF LAND SURVEYING AND GEO-INFORMATICS

Post Specification

Postdoctoral Fellow / Project Associate / Project Assistant (several posts) (Ref. 18112206)
[Appointment period: each for six months initially, with possibility of further appointment]

Duties

The appointees will assist the project leader in the project - “Augmenting physical learning spaces with location-based services using iBeacon technology for engaging learning experiences”.

The appointees will be required to:

- (a) perform system design, development, testing, implementation, enhancement and maintenance of an Android/iOS app and the web-based interface;
- (b) design and manage database to achieve project objectives;
- (c) assist in the implementation of indoor location-based services;
- (d) design and prepare e-learning materials including videos, e-contents and AR/VR materials;
- (e) assist in the development, implementation and evaluation of mobile learning tools;
- (f) investigate the Big Data collected from this project for students’ behavioural study;
- (g) assist in the preparation of academic publications;
- (h) assist in the administration and promotional activities of the project; and
- (i) perform any other duties as assigned by the project leader.

Qualifications

Applicants for the **Postdoctoral Fellow** post should have a relevant doctoral degree or an equivalent qualification with no more than three years of post-qualification experience at the time of application.

Applicants for the **Project Associate** post should have a relevant master’s degree or a good relevant honours degree with three or more years of research/relevant work experience.

Applicants for the **Project Assistant** post should have a relevant honours degree or an equivalent qualification.

Applicants should also:

- (a) have solid experience in Android app, iOS app and web development as well as database management;
- (b) be proficient in computer programming, e.g., Java, Swift, C++, ASP.NET, php, SQL and Python;
- (c) have good knowledge of information security and privacy management;

- (d) have experience in the design of e-learning materials;
- (e) be familiar with graphical design, animation design, video recording and editing;
- (f) have a track-record in academic publication;
- (g) have a good command of both written and spoken English; and
- (h) have good communication, interpersonal and organizational skills.

Applicants are invited to contact Dr Wong Man Sing at tel no. 3400 8959, fax no. 2330 2994 or email ls Wong@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.

22 November 2018