

THE HONG KONG POLYTECHNIC UNIVERSITY

DEPARTMENT OF LAND SURVEYING AND GEO-INFORMATICS

Post Specification

Project Fellow / Postdoctoral Fellow / Project Associate / Project Assistant (six posts) (Ref. 18111403)
[Appointment period: each for six months initially, with possibility of further appointment]

Duties

The appointees will assist the project leader in the research project “Jockey Club smart city tree management project”.

The appointees will be required to:

- (a) perform system design, development, testing, implementation, enhancement and maintenance of web-based platform, Android and iOS app;
- (b) design and manage database to achieve the project objectives;
- (c) assist in data migration to the systems of government agencies;
- (d) analyse data for tree risk index and formalise tree risk index;
- (e) assist in management, coordination, administration and promotional activities of the project;
- (f) assist in preparation of financial and progress reports of the project;
- (g) work closely with the project leader for project delivery and communicate frequently with external users/stakeholders of the project for implementation support; and
- (h) perform any other duties as assigned by the project leader.

Qualifications

Applicants for the **Project Fellow** post should have a relevant doctoral degree with at least three years of postdoctoral research/project experience or equivalent qualifications and experience.

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 equivalent qualifications.

For all posts, applicants should also:

- (a) have solid experience in Android app, iOS app and web development, GIS system and 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 good knowledge of urban tree risk index;
- (e) have good knowledge and experience in project management, financial/accounting management;
- (f) have a good command of both written and spoken English and Chinese; and
- (g) 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.

14 November 2018