

THE HONG KONG POLYTECHNIC UNIVERSITY
DEPARTMENT OF BUILDING AND REAL ESTATE

Post specification

Scientific Officer (Ref. 21021703-E2)

Duties

The appointee will be required to:

- (a) supervise and establish an effective project and research team of engineering staff;
- (b) maintain the Smart Construction Laboratory and the Offices of the related staff, server systems, workstations and Virtual Reality (VR) equipment;
- (c) provide support to the construction IT research and consultancy projects;
- (d) promote application of new electronic technology to the construction industry;
- (e) develop experimental devices or prototypes to facilitate research;
- (f) provide professional and competitive project design and development; and
- (g) perform any other duties as assigned by the Head of Department or his delegates.

Qualifications

Applicants should have:

- (a) a master's degree in Construction/Business/Electronics/Industrial Systems Engineering or a related discipline;
- (b) at least five years of relevant post-qualification experience in automation, electronics and simulation. Possession of knowledge of and experience in sensor technology will be an advantage;
- (c) experience in VR and Augmented Reality (AR) applications or embedded system software development and system trouble-shooting;
- (d) strong analytical skills as well as good interpersonal and communication skills; and
- (e) fluency in both written and spoken English and Chinese.

[Applicants who have responded to the previous advertisement need not re-apply.]

Remuneration and Conditions of Service

A highly competitive remuneration package will be offered. Initial appointment will be on a fixed-term gratuity-bearing contract. Re-engagement thereafter is subject to mutual agreement. Applicants should state their current and expected salary in the application.

17 February 2021