

THE HONG KONG POLYTECHNIC UNIVERSITY

SCHOOL OF NURSING

Post Specification

Research Associate (Ref. 18122004)

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

Duties

The appointee will assist the project leader in the research project under the Centre for Smart Health - "Home based telehealth system". The Centre conducts cross-disciplinary applied research that leverages advanced technology for healthcare. Details of the Centre can be found at <http://www.shealth.info>. He/She will be required to:

- (a) conduct research and prepare documents; and
- (b) perform any other duties as assigned by the project leader or his delegates.

Qualifications

Applicants should:

- (a) have a master's degree in Computer Science or related disciplines or a good honours degree in one of the said disciplines with at least three years of research/relevant work experience;
- (b) have experience in artificial intelligence and machine learning, with focus on real medical or healthcare applications;
- (c) have hands-on skills in advanced machine learning algorithms in the fields of support vector machines, transfer learning, fuzzy systems, artificial neural networks or deep learning for intelligent regression, classification and clustering, and the related programming tools; and
- (d) be able to work independently and have a good sense of self-motivation.

Applicants are invited to contact Dr Kup-Sze Choi at tel no. 3400 3214, fax no. 2364 9663 or email hkschoi@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.

20 December 2018