

THE HONG KONG POLYTECHNIC UNIVERSITY

SCHOOL OF NURSING

Post Specification

Research Associate / Research Assistant (four posts) (Ref. 19010205)

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

Duties

The appointees will assist the project leader in the research project - “Intelligent dementia risk prediction system with community health profile of elderly”. They 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 for the **Research Associate** posts should have a master’s degree in Computer Science or related disciplines or a good honours degree in the said disciplines with at least three years of research/relevant work experience.

Applicants for the **Research Assistant** posts should have an honours degree in the said disciplines or an equivalent qualification.

Applicants should also:

- (a) have solid expertise in artificial intelligence and machine learning, strong computer programming skills and experience in health-related software development;
- (b) have hands-on experience in the use of electronic health information standards (including HL7, ICD and SNOMED), computer interfacing with external devices, and development of DBMS, web-based systems and cloud and server-based systems;
- (c) have hands-on experience in SVM, transfer learning, deep learning or other advanced algorithms and their applications to heterogeneous data sources; and
- (d) be able to work independently and have a good sense of self-motivation.

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

2 January 2019