

THE HONG KONG POLYTECHNIC UNIVERSITY

DEPARTMENT OF ELECTRONIC AND INFORMATION ENGINEERING

Post Specification

Research Assistant Professor in Intelligence in Networking Systems / Blockchain for Secure Data Management / Machine Learning for Edge AI Systems / Smart Internet of Things / Resource Management in Wireless Communications (Ref. 20111813)

Since its inception in 1974, the Department of Electronic and Information Engineering (EIE) has enjoyed a distinguished history of providing outstanding engineering education and applicable research in Hong Kong.

We are seeking applications from strong candidates in one of the areas listed above. These will complement the existing strengths in communications, information security, nonlinear circuits and systems, multimedia signal processing and photonic systems, optoelectronic systems and devices. Apart from performing teaching duties at undergraduate and postgraduate levels in the related area, candidates are also expected to teach outside their main research areas.

Leading scholars regularly visit EIE for research collaboration and to enhance the Department's research profile. EIE has extensive resources to support a wide variety of teaching activities and research interests. Please visit the website at <http://www.eie.polyu.edu.hk> for more information about the Department. EIE is a constituent department of the Faculty of Engineering. Information on the Faculty is available at <https://www.polyu.edu.hk/feng/>.

Duties

The appointee will be required to:

- (a) conduct research as the main duty and actively pursue external research grants, such as General Research Fund, as Principal Investigator or Co-Investigator;
- (b) provide quality teaching at undergraduate or postgraduate level;
- (c) contribute to departmental service; and
- (d) perform any other duties as assigned by the Head of Department or his delegates.

Qualifications

Applicants should:

- (a) have a doctoral degree in a related discipline;
- (b) have demonstrated promise of a high level of creative ability in research and teaching in some subdivisions of their field;
- (c) be able to demonstrate effective classroom teaching skills; and
- (d) be highly proficient in written and spoken English.

Remuneration and Conditions of Service

A highly competitive package including a medical benefits plan and a gratuity payable upon completion of the term which is normally for three years initially, with possibility of extension for another three years. Applicants should state their current and expected salary in the application.

Revised on 29 April 2021