Research Scientists (three posts) (Ref. No.: CAiRS-RS/P1.1-3)  
[Appointment period: twenty-four months initially; with possibility of further appointment]

Duties

The appointees will report to the Programme Manager and assist in planning and monitoring one or two of the research projects - “Informative feature discovery and selection”, “Early detection of degradation in electronic interconnects” and “Anomaly detection for systems under indeterminate operating conditions” in the areas of electrical reliability and safety, machine learning, and computer vision. They will be required to:

(a) develop objectives and design projects and proposals;
(b) coordinate and monitor research projects;
(c) formulate and implement appropriate methodologies for research projects;
(d) conduct experiments, perform data analysis, and evaluate test and research results;
(e) supervise project team members;
(f) compose research findings for publications, grants, and other documents;
(g) assist in grant and manuscript submissions; and
(h) perform any other duties as assigned by the Centre Director or his delegates.

Qualifications

Applicants should have:

(a) a master’s degree or above in Science, Engineering or a relevant discipline;
(b) at least two years of research-related experience in the fields of electrical reliability/safety, machine learning and computer vision;
(c) knowledge and understanding of related research methodologies; and
(d) experience in research publications and grant applications.

Applicants are invited to contact Prof. Lam Kin-man Kenneth at tel no. 2766 6207 or email kin.man.lam@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.

8 June 2020