

# THE HONG KONG POLYTECHNIC UNIVERSITY

## DEPARTMENT OF INDUSTRIAL AND SYSTEMS ENGINEERING

### Post Specification

- (1) **Full-time or Part-time Project Associate** (Ref. 19080605)
  - (2) **Full-time or Part-time Project Assistant** (Ref. 19080606)
  - (3) **Full-time or Part-time Project Technical Assistant** (Ref. 19080607)
- [Appointment period: each for six months]

### Duties

The appointees will assist the project leader in the research project - “Multi-axis motion platform development for exergames using integrated real-time simulation systems”.

### Qualifications

Applicants for the post of **Project Associate** should have a master’s degree or a good honours degree with three or more years of research/relevant work experience in OpenCV, OpenGL, DirectX, Computer Graphic (CG) programming, computer programming language (e.g. Visual C, C++, C#, Java and Python etc.), game engine (e.g. Unity, Unreal etc.) and/or machine design in electrical, mechatronics or control systems. The degree should be in the disciplines of Multimedia and Entertainment Technology, Game Design, Computer Science, Information Technology, Sound Technology, Creative Media, Mechanical, Electrical Engineering and Electronic Information Engineering or relevant disciplines.

Applicants for the post of **Project Assistant** should have an honours degree in an appropriate discipline or an equivalent qualification.

Applicants for the post of **Project Technical Assistant** should have a higher diploma or a diploma or an equivalent qualification in the appropriate discipline plus at least three years’ relevant post-qualification experience in Mechanical Engineering, Electrical Engineering or tooling design.

For all posts, preference will be given to those with knowledge of computer programming including shader graphics programming, server-side implementation of analytics APIs for Unity platform and experience in games development and immediate availability.

Applicants are invited to contact Ir Prof L. C. Chan at tel no. 2766 6634, fax no. 2362 5267 or email [lc.chan@polyu.edu.hk](mailto:lc.chan@polyu.edu.hk) for further information.

### Remuneration

For full-time appointment, a highly competitive remuneration package will be offered. Applicants should state their current and expected salary in the application.

For the part-time posts, the remuneration rate for the posts of Project Associate, Project Assistant and Project Technical Assistant are HK\$167 per hour, HK\$117 per hour and HK\$100 per hour respectively.

6 August 2019