Project Officer

A Project Officer position is available in School of Civil and Environmental Engineering (CEE), Nanyang Technological University (NTU), Singapore. The Project Officer (PO) shall take charge of research & developments of software system on projects in the area of vehicle, pedestrian, cycling and personal mobility devices simulation.

In particular, the PO shall write/create working programmes using the System Development Kit of software packages including Oculus Rift, Microsoft Kinect System, Uc-Win Road (simulation software). These programmes should integrate the hardware and the software, and facilitate the communication between physical sensors and simulation software.

In addition, the PO shall participate in all aspects pertaining to the development of an advanced simulator to be used as an assessment or analytical tool for the design and audit of transport infrastructure including roads, pedestrian pathway and cycling tracks.

Apart from working on technical aspects of research projects, he/she will also take charge of general matters for the projects, including data extraction and analysis, writing project reports and doing industry presentations.

The basic requirements include:
• Bachelor Degree in IT or Computer Science or equivalent field;
• Good knowledge in Delphi
• Experience in design and development of system using software packages System Development Kit (SDK)
• Experience in hardware-in-loop (HIL) system, data acquisition system, hardware and software integration and communication devices.
• Fluency in English is mandatory
• The salary and benefit follow NTU OHR guideline and candidate’s qualification.
• If interested, please send a cover letter and a detailed CV to Associate Professor Yap Fook Fah (Email: MFFYAP@ntu.edu.sg)