Job Title

Research Assistant or Research Fellow (LiDAR-based construction inspection)

Job Description

We are recruiting Research Assistant or Research Fellow to join the Department of Building at the National University of Singapore (NUS) to work on a research project on automated inspection of construction projects. The project will use LiDAR and other sensors to inspect construction progress, construction quality, and to create as-built BIM. The position is expected to start in August 2021. The appointment will be for 12 months in the first instance, and renewable subject to satisfactory performance. The salary and benefits are competitive and commensurate with the candidate's experience.

Skill Requirements

- Knowledge in construction and civil engineering
- Knowledge in 3D point cloud data acquisition and processing
- Knowledge in programming (e.g. Python or Matlab)
- Strong English written and oral communication skills

Qualification Requirements

- Research Assistant: Hold a Bachelor degree in building and construction management, civil engineering, computer science, remote sensing, or other relevant fields
- Research Fellow: Hold a PhD degree in building and construction management, civil engineering, computer science, remote sensing, or other relevant fields

To apply, please send your CV to Dr Wang Qian (bdgwang@nus.edu.sg)