
Ref: DOB/RESEARCH/R-296-000-148-133

Job Opportunity – 2 X Research Assistants for Building Information Modeling (BIM)

Job Title: **Research Assistant**

Project Title: **A Knowledge BIM Ecosystem for Sustainable Built Environment**

Date posted: **Immediately until fulfilled**

Period of employment: **1 year contract (potential to be renewed to maximum 3 years)**

Duties and responsibilities

The candidate will conduct research-related activities such as:

- Conduct background research of specific topics in BIM and Facilities Management (FM)
- Conduct BIM modeling for existing buildings
- Conduct knowledge-based analysis with BIM models
- Conduct field trips and interviews with project stakeholders
- Work with other team members in NUS on virtual campus development
- Write research reports and publish academic papers

Requirements

- A bachelor or master degree in engineering or science fields (e.g. civil and environmental engineering, electronic and information system, project and engineering management, computer science, or statistics)
- An excellent academic track
- Familiar with at least one BIM software (e.g. Revit, Navisworks, etc)
- Good scientific writing and communication skills

Preference given to the candidates who have following experience or knowledge

- Good publication record in international peer-reviewed journals
- Experiences and knowledge in BIM applications
- Work experience in the academics or construction-related industries
- Computing and database development experiences (e.g. Java, .NET, SQL, XML).

Remuneration

- Salary will commensurate with the candidate's qualification and experience
- Bonus depending on the annual performance evaluation
- The successful candidate may be offered an opportunity to pursue a PhD degree with the Department of Building during on a part-time basis

Interested candidates may submit their detailed CV and supporting documents to

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