GIS Applications Developer at the Institute of Catastrophe Risk Management (ICRM), Nanyang Technological University (NTU), Singapore

The Institute of Catastrophe Risk Management (ICRM) at NTU invites applications for a position as a GIS Applications Developer. ICRM is a multi-disciplinary catastrophe risk management research institute which develops understandings and models of risks related to natural disasters such as earthquakes, tsunamis, typhoons, and floods, and non-traditional risks such as infectious diseases and terrorism.

This position at ICRM is for developing and maintaining the Institute’s GIS infrastructure to support its research work, running of in-house risk models and outreach activities. The successful applicant is expected to develop data capturing and visualization tools, oversee and maintain the Institute’s GIS infrastructure including its GIS data depository, establish procedures on data quality assurance, and develop documentation.

Job Requirements:

- A Master degree or higher in Engineering or Computer Science or closely relevant field
- At least 4 years of relevant working experience in GIS infrastructure development
- Demonstrated knowledge of programming languages, such as C++, C#, Java, or Python, within a GIS environment
- In-depth knowledge of ESRI ArcGIS, OpenGIS (e.g. QGIS), and other GIS products.
- In-depth knowledge of developing web-based applications and API in software applications

This position is opened until filled. Salary will be commensurate with qualifications and experience. The appointment will be on yearly renewable basis. Interested candidates should send a letter of interest together with a full CV and relevant materials on educational and working experience to ExecDir-ICRM@ntu.edu.sg