Ref: DOB/RESEARCH/2015-01-08-1

Research Fellow/ Research Assistant – Prototype FPSWizard: A Design Support System to Improve the Selection and Design of Personal Fall Protection Systems

Job Title: Post-doctoral or Research Assistant (computing background)

Updated: Jan 08, 2015

Period of employment: 8-9 months (with possibility of extension)

Duties and responsibilities:
The candidate will conduct research-related activities such as:
• developing database of work-at-height cases;
• developing online application;
• field work, e.g. observing and recording work-at-height;
• knowledge engineering, e.g. capturing work-at-height scenarios in case base, and developing similarity scores;
• compiling literature into EndNote database; and
• conducting interviews and focus group discussions.

Minimum Requirements:
• PhD for research fellow and Masters for research assistant;
• Strong background in developing online applications; and
• Academic writing experience.

Remuneration:
• Salary will commensurate with the candidate’s qualification and experience.

Other Details:
• Candidates with the following experience or knowledge will be preferred:
  o case-based reasoning;
  o publications in peer-reviewed journals; and
  o work experience in construction or other heavy industry.

Contact details for further information:
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