Research Assistant/Engineer (Neuroscience, Psychology, Movement Science and Rehabilitation) - PL2
Singapore Institute of Technology

Direct Link: https://www.AcademicKeys.com/r?job=228477
Downloaded On: May. 9, 2024 2:10pm
Posted Jan. 8, 2024, set to expire Jul. 5, 2024

Job Title Research Assistant/Engineer (Neuroscience, Psychology, Movement Science and Rehabilitation) - PL2

Department Health and Social Sciences

Institution Singapore Institute of Technology
Singapore, , Singapore

Date Posted Jan. 8, 2024

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Research Scientist/Associate

Academic Field(s) Bioengineering (all Bio-related fields)

Job Website https://careers.singaporetech.edu.sg/cw/en/job/498361/research-assistantengineer-neuroscience-psychology-movement-science-and-rehabilitation-pl2

Apply By Email

Job Description

Research Assistant/Engineer (Neuroscience, Psychology, Movement Science and Rehabilitation) - PL2

Job no: 498361
Department: Health and Social Sciences
Contract type: Contract
Apply now

Research Assistant/Engineer (Neuroscience, Psychology, Movement Science and Rehabilitation) - PL2
Singapore Institute of Technology

As a University of Applied Learning, SIT works closely with industry in our research pursuits. Our research staff have the opportunity to be equipped with applied research skill sets that are relevant to industry demands while working on research projects in SIT.

The primary responsibility of this role is to deliver on industry innovation research where you will support all aspects of the project to investigate neuroplasticity and recovery of movement quality after stroke using multimodal functional brain imaging and 3D human kinematics. This MOH NMRC-funded project brings together multidisciplinary expertise from Singapore Institute of Technology (SIT), National University of Singapore (NUS) and National University Hospital (NUH) in the areas of Neuroscience, Psychology, Movement Science and Rehabilitation.

Key Responsibilities

- Participate in and manage the research project with Principal Investigator (PI) and the research team members to ensure all project deliverables are met.
- Prepare data collection forms/interview questions/questionnaire and recruit and/or interview subjects. Maintain accurate records of interviews, safeguarding the confidentiality of subjects, as necessary.
- Perform computational modelling and analysis of the neuroimaging and behavioural data.
- Provide ready access to all experimental data for the faculty researcher and/or supervisor.
- Prepare materials for submission to granting agencies, foundations and Ethics Committee review.
- Prepare progress reports for the PI and funding agency. Prepare other articles, reports, and presentations.
- Coordinate and attend project meetings, monitor the project budget and work on other projects and initiatives, as required.
- Conduct literature reviews for publications and research briefings.
- Contribute to the dissemination of research findings (e.g., journal, conference, book).
- Support and collaborate with research assistants, graduate and undergraduate students, where applicable.
- Perform other research-related tasks as required by the Principal Investigator.

Job Requirements

- Bachelor's degree in relevant discipline (e.g. experimental psychology, biopsychology, cognitive psychology, neuropsychology, neurology, psychiatry, cognitive neuroscience, electrical engineering, biomedical engineering, computer science, or related fields).
- Candidates with a non-healthcare degree are welcome to apply.

Research Assistant/Engineer (Neuroscience, Psychology, Movement Science and Rehabilitation) - PL2
Singapore Institute of Technology

Direct Link: https://www.AcademicKeys.com/r?job=228477
Downloaded On: May. 9, 2024 2:10pm
Posted Jan. 8, 2024, set to expire Jul. 5, 2024

- Familiarity with image data analysis tools such as SPM, FSL, AFNI, and/or DSIStudio etc will be an advantage.
- Signal processing and programming skills (e.g. with Matlab, Python) will be an advantage.
- Ability to use statistical packages such as SPSS, R for statistical analyses and visualisation will be an advantage.
- Some research and/or clinical experience in the area of stroke rehabilitation or care will be an advantage.

Apply now
Advertised: 08 Jan 2024 Singapore Standard Time
Applications close: 31 Mar 2024 Singapore Standard Time

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Singapore