

Research Engineer/Fellow (STEM) - GR2 Singapore Institute of Technology

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Posted Sep. 5, 2023, set to expire Jul. 5, 2024

Job Title Research Engineer/Fellow (STEM) - GR2
Department Engineering
Institution Singapore Institute of Technology
Singapore, , Singapore

Date Posted Sep. 5, 2023

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Professional Staff

Academic Field(s) Engineering - Other

Job Website <https://careers.singaporetech.edu.sg/cw/en/job/498497/research-engineerfellow-stem-gr2>

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Job Description

Research Engineer/Fellow (STEM) - GR2

Job no: 498497

Department: Engineering

Contract type: Contract

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Key Responsibilities

- Develop, test and deploy autonomous vehicle simulations and practical solutions to meet project

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technical objectives

- Write up research findings for publication.
- Continually update knowledge and understanding in field or specialism.
- Deal with routine communication using a range of media.
- Communicate material of a specialist or highly technical nature to a broad audience
- Attend and contribute to relevant project meetings.
- Use creativity to analyse and interpret research data and draw conclusions on the outcomes.
- Contribute to collaborative decision making with colleagues in areas of research.
- Use research resources, laboratories and workshops as appropriate.
- Plan and manage one's own research activity in collaboration with others.
- Be aware of the risks in the work environment and their potential impact on their own work and that of others.

Job Requirements

- Bachelor/Master degree in STEM discipline
- Doctoral degree in STEM discipline (desired)
- Specialist knowledge relevant to the broad discipline of drones and aerial robotics
- Basic competence in computer coding in Matlab, Python, C# or similar
- Excellent communication and interpersonal skills
- Excellent time management and organisational skills
- Ability to work independently and as part of a team
- Ability to present in both written and oral publications
- Ability to meet deadlines
- A publication record consistent with career stage (desired)
- Ability to assess and organise resources
- Understand equal opportunity issues as they may impact on areas of research content.
- Previous practical experience working with drones is desirable, however related experience with more general autonomous vehicle systems software and hardware, and simulation of such systems, is acceptable.
- Ability to liaise confidently and effectively with a range of individuals
- Flexible approach to dealing with research problems as they arise
- Willingness to learn and develop

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Advertised: 04 Sep 2023 Singapore Standard Time

Applications close: 01 Jan 2024 Singapore Standard Time

Contact Information

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

Contact

Singapore