

Research Fellow (VR / AR / MR) - FG2
Singapore Institute of Technology

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Posted Jul. 15, 2024, set to expire Jul. 5, 2025

Job Title Research Fellow (VR / AR / MR) - FG2
Department Infocomm Technology
Institution Singapore Institute of Technology
Singapore, , Singapore

Date Posted Jul. 15, 2024

Application Deadline Open until filled

Position Start Date Available immediately

Job Categories Research Scientist/Associate

Academic Field(s) Computer/Information Sciences

Job Website <https://careers.singaporetech.edu.sg/cw/en/job/498723/research-fellow-vr-ar-mr-fg2>

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Job Description

Research Fellow (VR / AR / MR) - FG2

Job no: 498723

Department: Infocomm Technology

Contract type: Contract

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

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to industry demands while working on research projects in SIT.

The primary responsibility of this role is to deliver on an industry innovation research project where you will be part of the research team to develop future-ready display technologies and demo applications for virtual reality, augmented reality and mixed reality.

Key Responsibilities

- Participate in the research project with Principal Investigator (PI), Co-PI and the research team members to ensure all project deliverables are met.
- Undertake these responsibilities in the project:
 - i. Conduct in-depth AI research towards proof-of-concept (POC) prototypes for future-ready display technologies for VR/AR/MR
 - ii. Develop demonstration applications for the POC prototype
- Carry out Risk Assessment, and ensure compliance with Work, safety and health regulations.
- Coordinate procurement and liaison with vendors/suppliers.
- Work independently, as well as within a team, to ensure proper operation and maintenance of equipment.

Job Requirements

- A PhD degree in computer or related programmes and have relevant competence in the areas of VR/AR/MR and AI.
- Knowledge and experience in optics will be advantageous.
- Able to build and maintain strong working relationships with people within and external to the university.
- Self-directed learner who believes in continuous learning and development
- Show strong initiative and take ownership of work.
- ≥ 3 years of research experience in VR/AR/MR/AI.
- Hands-on experience of developing POC systems to demonstrate research results.

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Advertised: 15 Jul 2024 Singapore Standard Time

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Contact Information

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

Contact

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