

Research Fellow/Engineer (UI/UX) - BT1  
Singapore Institute of Technology

Direct Link: <https://www.AcademicKeys.com/r?job=216209>

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Posted Jul. 3, 2023, set to expire Jul. 5, 2024

**Job Title** Research Fellow/Engineer (UI/UX) - BT1  
**Department** Engineering  
**Institution** Singapore Institute of Technology  
Singapore, , Singapore

**Date Posted** Jul. 3, 2023

**Application Deadline** Open until filled

**Position Start Date** Available immediately

**Job Categories** Post-Doc  
Research Scientist/Associate

**Academic Field(s)** Electrical and/or Electronics  
Computer Engineering

**Job Website** <https://careers.singaporetech.edu.sg/cw/en/job/498458/research-fellowengineer-uiux-bt1>

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**Job Description**

## Research Fellow/Engineer (UI/UX) - BT1

**Job no:** 498458

**Department:** Engineering

**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 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 implement a novel graph processing module utilizing machine learning and UI/UX for the animation drawing software suite.

### **Key Responsibilities**

1. Algorithm development and software implementation of 2D & 3D computer graphics algorithm for graphics drawing tools.
2. UI Development.
3. System integration and application development.
4. Some work on user test may be required.
5. Write documentation and project report.
6. Write and publish research papers.

### **Job Requirements**

1. Bachelor, master, or PhD degree in Electronics or Computer Engineering, or equivalent.
2. Highly skilled in Qt C/C++ object-oriented analysis and design, including Qt GUI design while working on and maintaining a large code base.
3. Understanding and appreciation of graph data structure and computer graphics.
4. Experience in computer graphics implementation.

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**Advertised:** 03 Jul 2023 Singapore Standard Time

**Applications close:** 31 Aug 2023 Singapore Standard Time

**Contact Information**

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**Contact**

Singapore