

Lecturer and Senior Lecturer in Computer Science,
Computer Engineering and Information Security
Singapore Institute of Technology

Direct Link: <https://www.AcademicKeys.com/r?job=259641>

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Posted Jul. 11, 2025, set to expire Jul. 5, 2026

Job Title Lecturer and Senior Lecturer in Computer Science, Computer Engineering and Information Security

Department Infocomm Technology

Institution Singapore Institute of Technology
Singapore, , Singapore

Date Posted Jul. 11, 2025

Application Deadline Open until filled

Position Start Date Available immediately

Job Categories Lecturer/Instructor

Academic Field(s) Computer Engineering
Computer Science

Job Website <https://careers.singaporetech.edu.sg/cw/en/job/498966/lecturer-and-senior-lecturer-in-computer-science-computer-engineering-and-information-security>

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Job Description

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Contract type: Contract

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Lecturer and Senior Lecturer in Computer Science, Computer Engineering and Information Security

The Singapore Institute of Technology (SIT) is Singapore's first University of Applied Learning and the third largest university by intake in Singapore. Our mission is to maximise the potential of our learners and to innovate with industry, through an integrated applied learning and research approach, to contribute to the economy and society. As a university that emphasises applied education, SIT offers a unique teaching environment where faculty members work closely with students and industry to ensure graduates are equipped with strong, work-ready skills. Our strong nexus with industry ensures that our programmes stay relevant to the evolving demands of the economy.

The Infocomm Technology (ICT) Cluster (Department).

The ICT cluster is the largest cluster in SIT in by student intake. Our cluster moulds electronic and computer engineers, computer scientists, AI engineers, interactive media and game development experts, software engineers, and information security specialists. We invite applications for Lecturer and Senior Lecturer positions. This role focuses primarily on teaching and student development, contributing to SIT's applied learning approach. We welcome passionate educators, preferably having good relevant industry experience, who are committed to nurturing the next generation of professionals in areas such as:

- Information Security: Mobile security, cyber-physical systems, security analytics, digital forensics, malware analysis, vulnerability assessment, privacy technologies, and AI security.
- Computer Science and Software Engineering: Software development lifecycle (SDLC), requirement analysis, design, testing, performance optimisation, databases, computer graphics, distributed systems, computer vision, and multimedia analytics.
- AI and Emerging Fields: Industrial IoT, computational fintech, robot-human interaction, trustworthy AI, explainable AI, large language models, future communications/5G, and quantum computing.

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Key Responsibilities:

- Facilitate and conduct all teaching assignments for undergraduate and graduate students and continuous education programmes.
- Develop teaching materials and applied learning experiences that are relevant to industry needs and practices, and implement modern pedagogies.
- Mentor and advise students on academic and career development.
- Supervise student projects and applied learning projects.
- Contribute to curriculum design, innovation, and continuous programme improvement.
- Participate in educational initiatives and activities to enhance student learning outcomes.

Requirements:

- A PhD or a Master's degree (with significant industry experience) in Computer Science, Computer Engineering, Information Security, Software Engineering, Artificial Intelligence, or a related field from a reputable university.
- A strong passion for teaching and student engagement. A strong interest in student learning and engagement, and keen to adopt flipped classroom methods, team-based learning, and assessment for learning.
- Demonstrated teaching excellence, or relevant experience in industry-based education and training.
- Strong communication and interpersonal skills.
- Industry experience or professional certifications relevant to your teaching areas will be an advantage.
- Familiarity with applied learning, competency-based education, or work-integrated learning will be an advantage.

At SIT, you will be part of a dynamic and supportive community of educators dedicated to applied teaching excellence. We offer competitive remuneration, comprehensive employment benefits, a collegial and supportive working environment, and opportunities for professional development. The position will be based at the permanent campus of SIT, located at the Punggol Digital District, which is

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Singapore's first smart district.

Application Submission:

Applications will be accepted until the position is filled. All applications must be submitted through the SIT website (<https://careers.singaporetech.edu.sg/en/job/>).

Eligible interested applicants must submit their CVs and teaching statement in PDF format. Where available, please also provide evidence of teaching ability, such as student feedback on the relevant courses taught and a summary of courses taught, past curriculum development, pedagogical innovations, etc.

Only shortlisted candidates will be contacted by the Cluster. If you have specific questions about this opportunity, you may email:

The Faculty Search Committee Chair,
Infocomm Technology Cluster
Singapore Institute of Technology
Email: ictrec@singaporetech.edu.sg

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Advertised: 11 Jul 2025 Singapore Standard Time

Contact Information

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

Contact

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