Singapore Management University (SMU) was established in year 2000 as a specialist university focusing on Computing, Management, and Social Sciences. The **School of Computing and Information Systems** is the only SMU school offering research and education programs in STEM (Science, Technology, Engineering and Math) disciplines.

RESEARCH AREAS AND ACHIEVEMENTS

CREATE COMPUTING TECHNOLOGY AND SYSTEMS

ARTIFICIAL INTELLIGENCE & DATA SCIENCE

Data Management & Analytics

Intelligent Systems & Optimisation

Machine Learning & Intelligence

Prof. Jing JIANG and **Prof. LIM Ee-Peng** received the Test of Time Award at the European Conference on Information Retrieval (ECIR 2021) for their paper "Comparing Twitter and Traditional Media Using Topic Models".

PhD Candidate LE Trung Hoang (left) and **Associate Prof. Hady W. LAUW** (right) won the Distinguished Paper Award at the Intl Joint Conf on Artificial Intelligence (IJCAI 2020) for their paper "Synthesizing Aspect-Driven Recommendation Explanations from Reviews". — **A**

HUMAN-MACHINE COLLABORATIVE SYSTEMS

Pervasive Sensing & Systems

Multimedia

Human-Computer Interaction

Assistant Prof. ZHOU Zimu received the Best Paper Award at the IEEE Intl Conf on Mobile Data Management (MDM 2021) for the paper "A Differentially Private Task Planning Framework for Spatial Crowdsourcing".

Prof. Archan MISRA received the Best Artifact Award at the Intl Conf on Information Processing in Sensor Networks (IPSN 2021) for the paper "DeepLight: Robust & Unobtrusive Real-time Screen-Camera Communication for Real-World Displays".

INFORMATION SYSTEMS & TECHNOLOGY

Software Engineering & Systems

Cybersecurity

Information Systems Management

Prof. Robert H. DENG and **Dr. XU Shengmin** received one of two Best Papers Awards at the European Symposium on Research in Computer Security (ESORICS 2020) for their paper "Pine: Enabling Privacy-Preserving Deep Packet Inspection on TLS with Rule-Hiding and Fast Connection Establishment".

Associate Prof. SUN Jun received the ACM SIGSOFT Distinguished Paper Award at the Intl Conf on Software Engineering (ICSE 2020) for the paper "White-box Fairness Testing through Adversarial Sampling".

EDUCATION PROGRAMMES AND HIGHLIGHTS

OUR MAIN DEGREE PROGRAMMES

UNDERGRADUATE

B.Sc. (Computer Science)

B.Sc. (Information Systems)

B.Sc. (Computing and Law)

POSTGRADUATE PROFESSIONAL

Master of IT in Business (MITB)

DOCTORAL

Ph.D. in Computer Science

Ph.D. in Information Systems

Doctor of Engineering

MITB was placed within the top 2 in Asia for the fourth year running in the 2022 QS World University Rankings for Masters in Business Analytics.

Assistant Prof. Alan MEGARGEL and **Prof. Venky SHANKARARAMAN** received the Award for Best Conference Paper in IS Education from the Association for Information Systems (AIS 2020) for their paper "SMU Teaching Bank: Case Study of a Multiyear Development Project Utilizing Student Resources".

FACULTY, STUDENTS AND ALUMNI

Prof. David Lo received the IEEE Technical Council on Software Engineering Distinguished Service Award in 2021.

Associate Prof. Akshat Kumar was elected to Senior Member of AAAI in 2021.
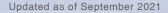
At the Intl Conf on Industrial Engineering and Operations Management (IEOM 2021), **Prof. LAU Hoong Chuin** received the Outstanding Professor Award while **Assistant Prof. Aldy GUNAWAN** received the Outstanding Young Faculty Award & Outstanding Service Award.

PhD Candidate GOKARN Ila Nitin (right) and **Prof. Archan MISRA** (left) received the Best Research Demo at the 13th Intl Conf on COMmunication Systems & NETworkS for their paper "Demonstrating High-Performance Simultaneous Visible Light Communication and Sensing". — **B**

MITB Analytics students **Ms. GOH Bee Keow** and **Ms. Salkar BINIT AMEYA** came in first in the 2021 IEOM-FlexSim Student Simulation Competition.

Carro, Southeast Asia's largest automotive marketplace co-founded by alumni **Mr. Aaron TAN** (middle), **Mr. Kelvin CHNG** (right) and **Mr. Aditya LESMANA** (left) achieved Unicorn Status and was named Asia Pacific's fastest growing company in 2021 by The Financial Times and Statista. — **C**

Undergraduate students **Mr. Christopher LIM**, **Mr. Bryan LEE**, **Ms. KO Hui Ning**, **Ms. Justina WONG** and **Mr. Shawn PANG** from first cohort of Computer Science degree programme cliched the top spot at the CODE_EXP Hackathon 2021.

SMU — SINGAPORE MANAGEMENT UNIVERSITY

FACULTY

43
Tenure Track

28
Term Track

Search is underway for multiple faculty positions, across all ranks and all tracks.

STUDENTS

86
in PhD Programme

552
in Professional Master Programmes

1999
in BSc Programmes

Metrics updated as of 31 August 2021

SCHOOL OF COMPUTING AND INFORMATION SYSTEMS