NUS COMPUTING INDUSTRY NEWSLETTER
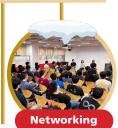
2025 Year In Review

2025 was a landmark year marked by stronger collaboration, expanded student success, and deeper engagement with our industry partners. As we look ahead to 2026, we pause to celebrate the collective achievements that made this year a success.

Events and Engagement

We successfully hosted two major Career Fairs in January and August, that connected thousands of students with opportunities from over 50 leading companies. Our partners deepened their engagement through conducting specialised Recruitment Talks and Technical Workshops, ensuring meaningful touchpoints and targeted skill development for our students.

Computing Career Fair

Alumni sharing

Networking

Recruitment Talk

Driving Professional Growth

We advanced student career readiness through the Career & Personality Profiling Workshop. This session empowered participants to build deeper self-awareness, refine their communication styles, and strategically align their strengths with future career paths

Insights from Participants

"The workshop gave me practical insight into my strengths and boosted my confidence as I plan my goals and look ahead to future career opportunities."
"A good workshop to learn how talents and strengths can translate into pitching oneself and tangible workplace output."

Expanding Our Network

The iConnect programme saw strong growth, welcoming 4 significant new member companies and securing renewals from several long-term partners. This growth further expands the high-quality internship and career pipeline available to our students. Our sincere thanks to our industry partners, faculty, and students. Your enthusiasm and deep engagement were fundamental to achieving our collective success in 2025!

2025 New Members

Capgemini

CSIT — Centre for Strategic Infocomm Technologies

HOYOVERSE

Morgan Stanley

Registration for the NUS Computing Career Fair 2026 is now open! Happening on 28 & 29 January 2026 at the COM3 Multi-Purpose Hall & Foyer, the fair offers an excellent opportunity for companies to engage with talented computing students seeking internships and full-time roles. Secure your booth early to maximise your visibility: slots are limited and expected to fill quickly.

For participation details and booth packages, please visit our website. Stay updated on future fairs and industry events by subscribing to our mailing list.

Register Now   **Career Fair Website**

COOPERATIVE AI & DARKNET SEARCH ENGINES

NAVIGATING THE HIDDEN WEB WITH INTELLIGENT AGENTS

Have you ever found yourself repeating a command to a virtual assistant, tweaking your phrasing endlessly, only to give up and complete the task yourself? This research by NUS Presidential Young Professor Tan Zhi Xuan tackles a much more ambitious question: What would it take to build AI that can **truly understand our intentions and act as collaborative partners**? This is the frontier of cooperative intelligence, with implications stretching far beyond virtual assistants, to factory robots, self-driving cars, and beyond.

This study introduces Sequential Inverse Plan Search (SIPS) to **infer goals from potentially suboptimal actions without prior goal knowledge**, and Cooperative Language-guided Inverse Plan Search (CLIPS), which builds on SIPS by **integrating ambiguous natural-language** cues via a language model to align speech and action for improved goal inference.

By combining goal inference, language grounding, probabilistic reasoning, and norm learning, these systems represent a blueprint for safer, more capable AI. They're not perfect yet; but they point toward an ecosystem where **AI doesn't just work for us, but with us**.

Featured Faculty
Tan Zhi Xuan
NUS Presidential
Young Professor

Read more here:

https://www.comp.nus.edu.sg/features/from-frustrated-commands-to-cooperative-partners-rethinking-ai-through-intent-inference/

Featured Faculty
Qiao Dandan
Associate Professor

Read more here:

When most people think about the Internet, they picture a place of easy access and endless information. But what happens when the power of search extends into parts of the Internet designed to be hidden; namely, **darknet markets**?

NUS Computing's Associate Professor Qiao Dandan, in collaboration with former PhD student Dr. Lu Ying, Professor Bernard Tan, and Associate Professor He Shu, tackled this issue head-on in a fascinating new study that analyzed the rise of GRAMS, a search engine built for the darknet to uncover surprising insights about how technology can reshape even the most secretive corners of the web. GRAMS pulled listings from many marketplaces into a single searchable site, combining vendor profiles, user ratings, cryptographic public keys, and cross-site activity, making it as easy to buy illicit drugs or hacked data.

This research is a reminder that **digital technologies are never neutral**. As society grapples with how to regulate emerging digital spaces, understanding these hidden dynamics will be crucial. We need to move beyond **reactive enforcement and build regulatory strategies** that anticipate how technology transforms markets—and design interventions that are as nimble and adaptive as the platforms we seek to govern.

https://www.comp.nus.edu.sg/features/the-dark-side-of-discovery-how-search-engines-concentrate-power-in-online-markets/

Capstone Projects Proposal Schedule

Master of Computing – General Track

This capstone internship provides an opportunity for students to work on solving problems beyond the formal classroom setting.

Structure	4 months individual internship with a company
Company Submission Period	Nov 2025 - Mar 2026
Internship Period	Mid-May 2026 - Mid-Sep 2026
Contact	soc-capstone@nus.edu.sg

Master of Science in Digital Financial Technology (MSc DFinTech)

The MSc DFinTech Capstone internship requires students to have experiential learning in academic research, translational research or software development.

Structure	4-6 months individual internship with a company
Company Submission Period	Nov 2025 - Mar 2026
Internship Period	Mid-May 2026 - Mid-Oct/Nov 2026
Contact	soc-capstone@nus.edu.sg

Master of Science in Business Analytics (MSBA)

The industry-linked professional consulting capstone project requires students to analyse and provide solutions to today's real-world business analytics problems.

Structure	4 months individual internship with a company
Company Submission Period	Jan 2026 - Apr 2026
Project Period	May 2026 - Aug 2026
Contact	MSBA@nus.edu.sg

Business Analytics (Undergraduate)

Students are expected to solve a real-world business analytics project proposed by a company which could include (but not limited to): data analytics, machine learning, design and development of interactive and performance dashboard, and data mining.

Structure	3 months group project with a company. Work to be done in NUS	
Company Submission Period	Nov 2025 - Dec 2025	Jun 2026 - Jul 2026
Project Period	Jan 2026 - April 2026	Aug 2026 - Nov 2026
Contact	dispsaa@nus.edu.sg	

Business Artificial Intelligence Systems (Undergraduate)

Students are required to develop a complete AI solution incorporating elements of data engineering, machine learning modelling, and software engineering to address a real-world problem. They will apply modern best practices, such as Agile methodology, DataOps, and MLOps, throughout the solutioning process.

Structure	3 months group project developing business AI system for company. Work to be done in NUS.	
Company Submission Period	Nov 2025 - Dec 2025	Jun 2026 - Jul 2026
Project Period	Jan 2026 - April 2026	Aug 2026 - Nov 2026
Contact	hsianghui@nus.edu.sg	wee-kek.tan@nus.edu.sg

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National University of Singapore

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Professional Certificate in Text Processing
Starts 7 Jan 2026 (Wed)
Duration: 7 Days

Professional Certificate in Artificial Intelligence and Machine Learning Foundation for Executives
Starts 8 Jan 2026 (Thurs)
Duration: 7 Days

Professional Certificate in Enterprise Deployments and Applications for Large Language Models
Starts 19 Jan 2026 (Mon)
Duration: 7 Days

Digital Product Management: Opportunity, Planning and Development
Starts 21 Jan 2026 (Wed)
Duration: 3 Days

Professional Certificate in Cybersecurity Fundamentals and Ethical Hacking
Starts 27 Jan 2026 (Tues)
Duration: 6 Days

Digital Product Management: Launch and Support
Starts 4 Feb 2026 (Wed)
Duration: 2 Days

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Partner with Us

Join our exclusive industry programmes to connect with students and explore cutting-edge research collaboration.

01 iConnect Membership

Priority Access

Have priority arrangements at NUS School of Computing career fairs.

Student Outreach

Reach out to computing students through various media (e.g interactive TVs placed at strategic locations in the school, online platforms and social media).

Seminars

Share insights and career opportunities through seminars at NUS School of Computing.

02 Research Membership

Knowledge Sessions

Invitations to exclusive talks on emerging themes in technology, keeping your organisation informed and ahead.

Technical Workshops

Upskill your team: access to customised technical workshops designed and delivered by our experts.

Co-Hosted Workshops

Opportunities to collaborate with SoC on tailored half-day workshops, exchanging research ideas and partnership possibilities.

iConnect
SoC Industry Relations

iConnect   Research

Find Out More