

NUS COMPUTING INDUSTRY NEWSLETTER

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CSIT
Centre for Strategic
Infocomm Technologies

SYLVIA ONG
SOFTWARE ENGINEER
CLASS OF 2023

Alumni Spotlight



A CAREER BUILT ON EXPLORATION

Back in NUS SoC, I was interested in both cybersecurity and software engineering. I remember spending a lot of time debating which path to pursue. Like many students, I wasn't entirely sure what I wanted my career to look like, and that uncertainty honestly felt a little overwhelming at times.

That changed when I learnt about CSIT. What really stood out to me was the opportunity to explore different roles instead of being confined to a single path. As someone who was still figuring out where my interests truly lay, that flexibility was exactly what I was looking for. I had also heard many positive things about CSIT's work culture. On top of that, knowing that the work contributes to Singapore's security motivated me to apply for the CSIT Undergraduate Scholarship as a mid-term scholar, which I was fortunate enough to receive. The scholarship gave me the opportunity to explore my interests throughout university without feeling pressured to have everything figured out from the start.

I am currently a Software Engineer at CSIT, where I build frontend and backend features, work on DevOps, collaborate with colleagues, and solve technical problems.

If you are interested in a career with CSIT, scan here:



Career



Undergraduate
Scholarship

MORE THAN JUST THE WORK

CSIT has a strong culture of continuous learning. Whether it's technical courses, mentorship, knowledge-sharing sessions, or opportunities to attend local and overseas conferences, we are constantly encouraged to keep learning and stay up to date with the latest technologies.

I have also been given the opportunity to work on meaningful projects while learning from experienced colleagues. Everyone is approachable and always willing to share their knowledge, no matter how busy they are. The collaborative and supportive culture creates an enjoyable working environment where it is easy to ask questions and learn from one another. Beyond work, I am especially grateful to have met colleagues who have grown to become my close friends.

Above all, it is rewarding to know that the skills we develop and the solutions we build have a meaningful impact in the real world.

THE MINDSET THAT MATTERS

One piece of advice I would give is that it is okay not to have everything figured out. Instead, focus on building the right mindset and staying open to new opportunities. The tech industry moves quickly, and there will always be new technologies, frameworks, and tools to learn. Coupled with today's competitive job market, it is easy to feel like you are constantly falling behind or that you are not doing enough. But after starting work, I realised that no one expects a fresh graduate to have all the answers. What matters more is your willingness to learn and grow, as well as having the courage to embrace constructive feedback. It is also important to keep an open mind and not be afraid to explore different opportunities because you never know where they might lead!



COMPUTING CAREER FAIR AUGUST 2026

TWO DAYS OF CAREER EXPLORATION

The NUS Computing Career Fair, held on 26 and 27 August, brought together our students and industry partners for two exciting days of conversations, connections and career exploration.

The event provided students with the opportunity to engage directly with participating organisations. Throughout both days, the venue was buzzing with activity as students visited employer booths, spoke with recruiters and industry representatives, and learnt more about the opportunities and experiences available beyond the classroom. For our industry partners, this event offered a valuable platform to connect with students from different computing majors at the NUS School of Computing.



We would like to extend our sincere appreciation to all participating industry partners for taking the time to join us and for making the Career Fair possible. Your continued support and willingness to engage with our students play an important role in helping them better understand the industry and navigate their future careers. We also thank our students for their enthusiastic participation and for making the most of the opportunity to connect with employers. We look forward to continuing to strengthen connections and welcoming our partners back to future career fairs and industry engagement initiatives!



Capstone Projects Proposal Schedule

Upcoming Proposal Submission

Visit [website](#) for detailed information.



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 2026 - Dec 2026	Jun 2027 - Jul 2027
Project Period	Jan 2027 - April 2027	Aug 2027 - Nov 2027
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 2026 - Dec 2026	Jun 2027 - Jul 2027
Project Period	Jan 2027 - April 2027	Aug 2027 - Nov 2027
Contact	hsianghui@nus.edu.sg	wee-kek.tan@nus.edu.sg

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 2026 - Mar 2027
Internship Period	Mid-May 2027 - Mid-Sep 2027
Contact	soc-capstone@nus.edu.sg

Visit [website](#) for detailed information.

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 2026 - Mar 2027
Internship Period	Mid-May 2027 - Mid-Oct/Nov 2027
Contact	soc-capstone@nus.edu.sg

Visit [website](#) for detailed information.

AI, Emerging Tech and Digital Transformation for **CXO Series**

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Ready to level up? Explore our upcoming courses!

AI **Applied Artificial Intelligence**
Starts 2 Nov 2026 (Mon)
Duration: 2 days

AI-Enabled Biometrics
Starts 23 Nov 2026 (Mon)
Duration: 2 Days

NLP **Natural Language Processing Fundamentals**
Starts 16 Nov 2026 (Mon)
Duration: 1 Day

Essentials for AI-Ready Cyber Professionals
Starts 26 Nov 2026 (Thurs)
Duration: 2 Days

ML **Applied Machine Learning**
Starts 25 Nov 2026 (Wed)
Duration: 2 days

AI for Sustainability: A Technology Perspective
Starts 2 Dec 2026 (Wed)
Duration: 2 Days



Scan
here!

Connect with Us

Becoming an iConnect member allows industry partners to:



01 Priority Access

Have priority arrangements at NUS School of Computing career fairs.



02 Student Outreach

Reach out to computing students through various channels (e.g. networking events, industry talks, workshops).

03 Seminars

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

iConnect
SoC Industry Relations



Find Out More