

NUS COMPUTING INDUSTRY NEWSLETTER

ISSUE NO #50 | AUGUST 2026



SGINNOVATE

Let's welcome SGInnovate as an iConnect industry partner!



Connect with us!

SGInnovate is a Deep Tech ecosystem builder and investor, backed by the Singapore Government. We catalyse the translation of emerging technologies into real-world opportunities by combining strategic investments, talent development, and ecosystem building. Through our flagship platform, Deep Tech Central, we connect individuals, founders, startups, and industry partners with specialised resources, programmes, and opportunities across diverse technology domains and every stage of growth.

Our portfolio features some of Singapore's most promising Deep Tech startups, advancing the commercialisation of research from the nation's Research, Innovation and Enterprise (RIE) ecosystem. Through talent development initiatives such as Summation, PowerX, and Helix, we nurture the next generation of Deep Tech talent by connecting students, graduates, and professionals with meaningful industry opportunities, hands-on experience, and career pathways in emerging technologies.

By fostering collaboration across academia, industry, and government, SGInnovate strengthens Singapore's innovation ecosystem and supports the growth of globally competitive companies tackling complex challenges.

SPOTLIGHT

Summation - Singapore's Flagship Deep Tech Internship

Thinking about your next internship? SGInnovate's Summation Programme places students directly inside Deep Tech startups for 3-6 months. You'll be working on live projects in AI, robotics, biotech, cybersecurity, quantum computing, and many more. You will be guided by a dedicated technical mentor and paid a monthly stipend of SGD 3,000 - 6,000. Interested to learn more? [Click here.](#)

What is Summation?

[Watch Here](#)

Before you apply anywhere, it helps to know what makes this different from a regular internship. This overview video lays out the Summation model in a couple of minutes: how it pairs you with an early-stage Deep Tech startup, what a 3-6 month internship actually involves, and why SGInnovate calls it "way beyond a typical tech internship." If you've ever wondered what it's like to work hands-on with founders building AI, robotics, or biotech products, rather than sitting in on a standard corporate internship rotation, you can start here.

Ready to create real impact? Applications for Summation are open all year round. Explore the full list of Deep Tech projects available on [Deep Tech Central](#) and apply today.

Alumni Spotlight



Weng Kit Soo

**Computer Science
Class Of 2026**

An Unexpected Path into Machine Learning at TikTok

I had a lot of interest shifts throughout my journey in school and never really found my footing, or had anything that I thought I was good at, especially since I felt that everyone was so much smarter and worked harder than I did. I went through a phase in school and thought I wanted to be an indie game developer, probably because I saw it as a career with the most freedom, and that was after I thought I would specialise in networking. Machine Learning (ML) was always there in the background through supplementary modules I took, but honestly, I mostly took them because it seemed like a necessity, and I was personally never particularly confident in my own abilities in it. What stuck with me more were the great friends I met through internships and hackathons along the way, and it just so happened that they were in Artificial Intelligence (AI) and ML as well. TikTok stood out to me because I saw it as one of the most successful apps and platforms of our generation, and being able to work on their products felt like a huge opportunity to me.

Eventually, I landed a role in risk control at TikTok, and that's when things actually clicked. I get to apply the classical ML methods I picked up and sharpened throughout school and internships in a way that actually feels like it matters. It made me appreciate classical ML a lot more than I expected, and it has been a great privilege to be able to work there.



➤ A REWARDING EXPERIENCE ➤

One project that made my experience at TikTok especially rewarding was stepping away from classical ML to build automation bots using agentic harnesses for operational work. I still use the tool I built in my daily work today, which makes it feel extra worth it. My team has also been genuinely great, always making it a point to let you know you can reach out whenever you need help. I would say I got really lucky, both with the opportunity and the team I ended up being in. Their own workload is pretty demanding and intensive, dealing with on-calls from commercialisation teams. Operational work just tends to be like that, but they still always make time to support you. It doesn't feel like something you'd expect given how stretched they usually are, but that's just how the team operates. It is a really welcoming and warm environment.

Advice for SoC Students

Take part in more hackathons, and make more connections outside of school. It would only benefit your career in the long run. I would definitely say that my current prospects would look a lot different if I had not stepped out of the classroom, and I wish I had done so way earlier than I did (only did so in year 4). It can seem daunting, and like it doesn't matter at the moment, but going with friends who share the same goals really helps. For TikTok, being pragmatic and communicating clearly are key values, and I would recommend everyone to look out for TechJam, which TikTok organises for undergraduates. Even if you feel like you're not seeing any results yet, you will still have those connections to fall back on, and can always try again. And if it doesn't work out as well as you've hoped, you'll still find yourself having more support around you than you did before. I believe it will all fall into place one day, for everyone.

TikTok is an NUS School of Computing iConnect Member.



NAGOYA UNIVERSITY VISITS NUS COMPUTING



On 13 July 2026, the NUS School of Computing (SoC) welcomed students from Nagoya University for a day of academic exchange and campus engagement. The programme began with a welcome breakfast, followed by an introduction to the School of Computing and an overview of our graduate programmes and postgraduate pathways, providing students with insights into the opportunities available at SoC.

Exploring Research and Innovation

The students listened to a series of PhD research presentations, where they gained a deeper understanding of the cutting-edge research conducted by our doctoral students. This was followed by laboratory visits, allowing the students to explore SoC's research facilities and learn more about the innovative projects taking place across the school.

Programme Highlights



Welcome Address



Lab Visits



Computing Gallery Tour

Exploring SoC and Beyond

In the afternoon, the students toured the Computing Gallery and the School of Computing, where they learnt about SoC's history and environment. The visit concluded with a tour of University Town (UTown), offering a glimpse into the vibrant campus life and student experience at NUS. The programme provided a valuable opportunity to strengthen ties between NUS School of Computing and Nagoya University, paving the way for future academic collaboration and exchange.



See You at the Computing Career Fair!

NUS COMPUTING CAREER FAIR AUGUST 2026



Date

26 & 27 August 2026



Time

12:00PM – 5:00PM



Venue

NUS COM3
Multipurpose Hall



RESUME CLINIC

Get your resume reviewed and receive practical feedback!



Date

21 & 24 August 2026



Time

12:00PM – 5:00PM



Venue

COM3 Terrace
Canteen (Pods 3 & 4)



NUS | Computing

Join us at the NUS Computing Career Fair August 2026 to connect with leading employers, explore internship and full-time opportunities, and gain valuable insights into the tech industry. Whether you're seeking your first internship, a graduate role, or simply looking to expand your professional network, the Career Fair is a great opportunity to meet recruiters, learn about different organisations, and discover the opportunities available to you. Don't miss this chance to take the next step in your career journey!

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 2026 - Jul 2026
Project Period	Jan 2027 - April 2027	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 2026 - Dec 2026	Jun 2026 - Jul 2026
Project Period	Jan 2027 - April 2027	Aug 2026 - Nov 2026
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.

SIGNATURE

AI, Emerging Tech and Digital Transformation for

CXO Series

21 Sessions by 21 World-Class Faculty

Reserve your seat now



LEARN MORE

OPEN ENROLMENT

ChatGPT and its Applications



Starts 7 Sept 2026 (Mon)
Duration: 2 Days

AI-Enabled Biometrics



Starts 23 Nov 2026 (Mon)
Duration: 2 Days

Python Programming



Starts 14 Sept 2026 (Mon)
Duration: 3 Days

Applied Machine Learning



Starts 25 Nov 2026 (Wed)
Duration: 2 Days

Natural Language Processing Fundamentals



Starts 16 Nov 2026 (Mon)
Duration: 1 Day

AI and Machine Learning Begins with Me



Starts 30 Nov 2026 (Mon)
Duration: 2 Days

Customise an enriching learning journey for your team from our catalogue of over 200 courses.

Contact us at
socx@nus.edu.sg



Partner with Us

Joining the iConnect membership 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 media (e.g interactive TVs placed at strategic locations in the school, online platforms and social media).

03 Seminars

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



iConnect

SoC Industry Relations



Find Out More