

# NUS COMPUTING INDUSTRY NEWSLETTER

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## Alumni Spotlight



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**Computer Science  
Class Of 2024**

### From SoC to HoYoverse as a game developer

My journey from the NUS School of Computing (SoC) to HoYoverse has been an exciting transition from a student with a passion for games to a professional developer. During my time at NUS, the curriculum provided me with an incredibly strong foundation in the fundamentals of computer science. Beyond the core theories, what really set me on this path were the opportunities the school offered to dive into actual game development projects. Being exposed to hands-on development in school made me realize that this was the exact career I wanted to pursue.

HoYoverse is actually my first job right out of university! I was immediately drawn to the company because of its ambitious game development projects and its passion for pushing the boundaries of player experience. Today, my role involves taking what I learned at SoC and applying it on a massive scale, working alongside talented teams to bring these complex game worlds to life.



HOYOVERSE

### The HoYoverse Experience

Working at HoYoverse has been an incredibly rewarding experience because of the immense trust they place in their developers. One of the most fulfilling aspects of my work is getting involved in actual game feature design and optimization. There is honestly nothing quite like the feeling of pouring your effort into a feature, polishing it, and then seeing it being enjoyed by millions of players around the world. It makes all the hard work completely worth it.

What really allows us to thrive is the company culture. HoYoverse's remarkably flat team structure makes communication easy and efficient across different disciplines. Because of this, developers are given a strong sense of ownership over the systems they work on. We are encouraged to have freedom in our design choices, allowing us to innovate and propose ideas rather than just following a rigid blueprint. It's a highly collaborative environment where your voice is heard, and you are given the space to grow both your technical abilities and your creative intuition.

### Words of Advice

If you are looking to break into game development—or aiming to work at a place like HoYoverse—never stop exploring outside the classroom. While foundational modules are crucial, practical experience is what truly sets you apart. Start working on your own mini-game projects or participate in game jams. These experiences teach you the realities of the development pipeline and help you build a portfolio that showcases your capabilities and passion.

Beyond coding, make it a habit to explore technical resources such as the Game Developers Conference (GDC). Understanding how industry veterans solve real-world problems will give you a valuable edge. Most importantly, stay curious, explore different aspects of game development to discover what you enjoy, and keep an open mind about where your career might take you—including overseas opportunities. The global games industry is vast, and stepping out of your comfort zone can lead to some of the most exciting stages of your career.

HoYoverse is an NUS School of Computing iConnect Member.

# Secure Your Booth Now at the Computing Career Fair



**EARLY BIRD Discount**  
UNTIL 10<sup>TH</sup> JULY 2026

## NUS COMPUTING CAREER FAIR AUGUST 2026

**Date**  
26 & 27 August 2026

**Time**  
12:00PM - 5:00PM

**Venue**  
NUS COM3 Multipurpose Hall

**REGISTER NOW**



The graphic features a dark blue background with a city skyline at the bottom and a stylized illustration of two people wearing VR headsets and holding a tablet. The text is in white and light blue. A purple starburst in the top right corner contains the 'EARLY BIRD' discount information. A QR code is prominently displayed in a dark box on the right side.



Registration for the NUS Computing Career Fair August 2026 is now open! Join us on **26 & 27 August 2026** at the **COM3 Multi-Purpose Hall** to connect with talented students seeking internship and full-time opportunities.

Showcase your organisation, build your employer brand, and engage with the next generation of computing talent. Booth spaces are limited, so we encourage you to register early.

For participation details and booth packages, please visit our website. Stay updated on future career fairs and industry engagement opportunities by subscribing to our [mailing list](#).

[Register Now](#)

[Career Fair Website](#)

SIGNATURE

NUS COMPUTING CXO SERIES

## AI, Emerging Tech and Digital Transformation

Reserve your seat to learn from some of the best faculty members in the National University of Singapore (NUS) – Asia's Top Global University

 Starts 16 Nov 2026 (Mon)



REGISTER HERE

OPEN ENROLMENT

### AI and Machine Learning Begins with Me

 Starts 31 Aug 2026 (Mon)  
Duration: 2 Days

### (SCTP) NUS Data Intelligence and Business Analytics Programme

 Starts 1 Sept 2026 (Tues)  
Duration: 3 Months

### ChatGPT and its Applications

 Starts 7 Sept 2026 (Mon)  
Duration: 2 Days

### Natural Language Processing Fundamentals

 Starts 16 Nov 2026 (Mon)  
Duration: 1 Day

### Python Programming

 Starts 14 Sept 2026 (Mon)  
Duration: 3 Days

### Chat Models and Natural Language Processing

 Starts 2 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](mailto:socx@nus.edu.sg)!



Funding options may apply (subject to T&Cs)

## Become a Mentor in the NUS SoC CCSGP Mentorship Programme!

The NUS School of Computing's (SoC) Centre for Computing for Social Good & Philanthropy (CCSGP) invites you and your colleagues to join the upcoming CCSGP Mentorship Programme as industry mentors. Share your experience, provide career guidance, and support students as they prepare for their future in tech—all while strengthening your organisation's engagement with the NUS SoC community.

### Programme Overview

Mentor training (new mentors): 29 July 2026

Kick-off session: 4 August 2026

Mid-point check-in: November 2026

Closing session: February 2027

Commitment: Meet your mentee(s) at least once every two months

Format: Flexible (virtual or in-person)

### Ready to Make Your Mark?

As a mentor, you will have the opportunity to:

- Share your industry experience and career insights with students
- Support students in their personal, academic, and professional development
- Build meaningful connections with emerging computing talent
- Strengthen your organisation's partnership with NUS School of Computing

[Register Here](#)

Any queries can be directed to the CCSGP manager, Molly Kruko at [kruko@nus.edu.sg](mailto:kruko@nus.edu.sg)



# Capstone Projects Proposal Schedule

## Current 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	Jun 2026 - Jul 2026	Nov 2026 - Dec 2026
Project Period	Aug 2026 - Nov 2026	Jan 2027 - April 2027
Contact	<a href="mailto:dipsaa@nus.edu.sg">dipsaa@nus.edu.sg</a>	

### 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	Jun 2026 - Jul 2026	Nov 2026 - Dec 2026
Project Period	Aug 2026 - Nov 2026	Jan 2027 - April 2027
Contact	<a href="mailto:wee-kek.tan@nus.edu.sg">wee-kek.tan@nus.edu.sg</a>	<a href="mailto:hsianghui@nus.edu.sg">hsianghui@nus.edu.sg</a>

## Upcoming Proposal Submission

### 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	<a href="mailto:soc-capstone@nus.edu.sg">soc-capstone@nus.edu.sg</a>

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	<a href="mailto:soc-capstone@nus.edu.sg">soc-capstone@nus.edu.sg</a>

Visit [website](#) for detailed information.