# NUS COMPUTING INDUSTRY NEWSLETTER

**ISSUE NO #9 | March 2023**

NUS National University of Singapore | School of Computing

## Highlights

### Career Fair Febuary 2023 was a resounding success!



The "old normal" is back as the recently concluded Career Fair held on 7ᵗʰ and 8ᵗʰ February 2023 is the first full-scale fair held without any Covid-19 safety measures since the pandemic. Over the two days, an estimated number of 2,300 hopefuls attended the fair to speak with industry experts on kickstarting their careers.

During the two days, 47 companies set up their booths. This year has also seen a record number of local companies as well as government agencies participate in the fair.

For this round, the Career Fair didn't just end there. 16 companies returned to the school the following week for a special panel discussion where students were able to gather deeper insights from industry professionals and understand how the companies function.

We thank all companies who took part in the Career Fair and made it a resounding success! We look forward to seeing you again in the next round happening later this year.

### Call for mentors for Orbital 23 mentorship programme

NUS Orbital 23 is a summer self-directed, independent project course in the School of Computing for first year students. The programme gives students the opportunity to pick up software development skills through using their own resources on the web. Orbital also has a mentorship programme that aims to provide

## Capstone Projects Proposal Schedule

### Masters Capstone Internship

Master of Computing (General Track) - 4 months individual internship with a company.
Master of Science in Digital Financial Techonolgy - 4-6 months individual internship with a company.

Company submission period: Nov 2022 - April 2023
Internship period:
MComp (GT) - May - Sept 2023
MSc DFinTech - May - Sept/ Nov 2023

Contact:
MComp (GT): **gt-capst@comp.nus.edu.sg**
MSc DFinTech: **aidf@nus.edu.sg**

### MSBA Capstone Project

Master of Science in Business Analytics (MSBA) 4 months individual project on solving business analytics problems of a company.

Company submission period: Jan - April 2023
Project period: May - Aug 2023

Contact: **MSBA@nus.edu.sg**

### BZA Capstone Project

Business Analytics (BZA) 3 months group project on solving business analytics problems of a company.

Company submission period: June - July 2023
                                            Nov - Dec 2023
Project period: Aug - Nov 2023
                        Jan - April 2024

Contact: **shalinda@comp.nus.edu.sg**

### IS Capstone Project

Information Systems (IS) 3 months group project on completing an entire systems development life cycle (SDLC) of a company product.

Company submission period: June - July 2023
                                            Nov - Dec 2023
Project period: Aug - Nov 2023
                        Jan - April 2024

Contact:
For Aug-Nov term: **tanwk@comp.nus.edu.sg**
For Jan-April term: **hsianghui@nus.edu.sg**

additional support to students.

The latest round of the mentorship programme will be starting in May and Orbital is now looking for mentors who are interested in sharing their expertise with SoC students and helping them achieve their goal.

The mentor is expected to take at least one team and interact with them every two weeks from mid-May to August. Mentors do not need to be tech-savvy, they just need to have knowledge in software development. In fact, the programme hopes to invite mentors of different background (e.g. tech, business, UI/UX) so students could pick up different skills from the mentors.

For more details about the Orbital programme, click:

http://orbital.comp.nus.edu.sg/

If you are interested to volunteer as a mentor, contact:

Dr. ZHAO Jin (Coordinator of Orbital): zhaojin@comp.nus.edu.sg

# Digital Financial Technology Internship Projects

The NUS School of Computing MSc in Digital Financial Technology programme aims to develop a pool of professionals equipped with both computing and domain knowledge in finance. The current batch of around 40 students all have training in programming, data mining, and (at least) basic financial knowledge. The start date and duration of this capstone project is flexible. Any internship program with a duration between 4 to 6 months and between May 1$^{st}$ to December 31$^{st}$ 2023 meets the requirement. The project scope should involve broadly defined finance with technical components (any software development, data engineering/analytics, or quantitative finance meets the requirement).

More details about the DFinTech programme:

https://www.comp.nus.edu.sg/programmes/pg/mdft/

For more information on Capstone programme:

https://www.comp.nus.edu.sg/programmes/pg/mdft/capstone/

A/Prof. Ke-Wei HUANG (Capstone Coordinator): dishkw@nus.edu.sg
Ms. Esther TAN (Capstone Assistant Manager): esthermx@nus.edu.sg



# Introducing C-TReND, SoC's R&D computing solutions

There is a strong and growing demand for sophisticated technical solutions to address the complex issues that government organisations and businesses grapple with in today's global technological revolution and information-based economy.

To facilitate the real-world application of cutting-edge computing research on today's social, business and governance challenges, the NUS Computing Translational Research and Development (C-TReND) Centre was established in 2017.

Based in NUS Computing, one of the world's leading computing schools, C-TReND draws from the school's pool of globally recognised and award winning experts - its faculty members. Each year, they publish extensively in prominent international conferences and journals, develop prototypes, disclose inventions and file patents. Thus, C-TReND serves to drive mission-oriented research and development (R&D) that translates the faculty's fundamental research work into innovative industry solutions.

C-TReND is NUS Computing's one-stop R&D computing solutions centre that builds innovative and practical solutions for government organisations and business enterprises, both large and small.

C-TReND has conducted 7 projects successfully with industry partners since its establishment. C-TReND looks forward to more collaborations in the coming years.

C-TReND web site:

https://c-trend.comp.nus.edu.sg/contactus.html

# Advanced Computing for Executives (ACE)

The NUS Advanced Computing for Executives is dedicated to equipping business leaders with the knowledge and skills necessary to effectively harness emerging technologies for digital transformation and competitiveness.

The impact of technologies on our daily lives cannot be overstated. At ACE, the expert faculty, researchers, and practitioners provide cutting-edge insights into the latest advancements in AI, machine learning, cybersecurity, and financial technology. ACE also offers comprehensive courses in other critical areas such as blockchain, Cloud Computing, Internet of Things, and data and business analytics.

By participating in ACE programmes, students will gain a deep understanding of the latest technologies and their applications, enabling them to make informed decisions and effectively lead their organisation through the digital age.

Join the upcoming information sessions and courses, taking place in March and April. Discover how ACE can help stay ahead of the curve and achieve professional goals.

## Information Sessions

**NUS FinTechSG Programme Information Session (Date: 16 Mar 2023, 3pm)**

https://ace.nus.edu.sg/nus-fintech-sg-programme/

**NUS Digital Transformation Programme Information Session (Date: 17 Mar 2023, 3pm)**

https://ace.nus.edu.sg/nus-digital-transformation-programme/

**NUS Programming, Data Structure and Algorithm Information Session (Date: 22 Mar 2023, 3pm)**

https://ace.nus.edu.sg/professional-certificate-in-programming/

https://ace.nus.edu.sg/professional-certificate-in-data-structures-and-algorithms/

## Courses

**Professional Certificate in Artificial Intelligence for Business**

https://ace.nus.edu.sg/professional-certificate-in-artificial-intelligence-for-business/

**Professional Certificate in Digital Leadership**

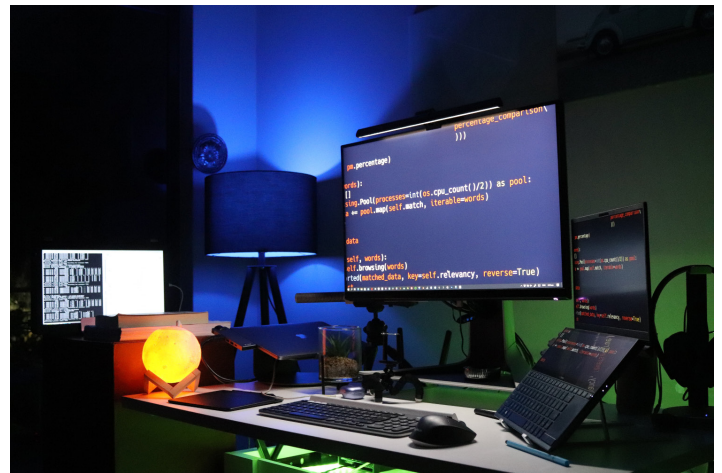https://ace.nus.edu.sg/professional-certificate-in-digital-leadership/

For enquiries, email soc-ace@nus.edu.sg for our programme advisors for assistance.

Follow our ACE Showcase Pages for upcoming articles, webinars, and courses:

LinkedIn: Advanced Computing for Executives (ACE)

Facebook: Advanced Computing for Executives, NUS School of Computing



NUS National University of Singapore | Advanced Computing for Executives School of Computing

# CONNECT WITH US



## https://iconnect.comp.nus.edu.sg