

# SUMMER WORKSHOP 2024



## PROJECT COMPETITION

to showcase your computing skills through supervised **INTENSIVE HANDS-ON PROJECT**



## NUS ACCOUNT

exclusively created for you with access to **NUS LEARNING PLATFORMS**



## WIDE RANGE

of subjects offered across **3 CLUSTERS** with **15 COURSES** in high-demand IT fields



## CERTIFICATE

Certificate greatly advantageous for future career and further studies



## NGNE PROGRAMME

become eligible to apply for the **SOC NGNE PROGRAMME** which offers a chance for direct admission to **MASTER OF COMPUTING**



## INTERNSHIP

opportunities available to participants of the Summer Workshop on a competitive basis

## ONLINE INFORMATION SESSION

Feel free to join us in our online information session via Zoom for more information on the workshop!

Speaker: Liv DAI (Associate Director, School of Computing)

Click [HERE](#) or scan the QR code to register.



1

1 March 2024 (Fri)  
7.30pm - 9.00pm  
Mandarin-speaking

2

5 March 2024 (Tue)  
7.30pm - 9.00pm  
Mandarin-speaking

3

8 March 2024 (Fri)  
7.30pm - 9.00pm  
English-speaking

### Cluster 1: X-Cluster

- Solving Real World Problems with simulation
- Structure and Interpretation of Computer Programs
- Designing Interactive Interfaces: UI/UX in the Digital World

### Cluster 2: CLOUD, SECURITY, IOT & AI

- Cloud Computing with Big Data
- DOTA Defense of the Ancients
- Robotics
- Deep Learning
- Artificial Intelligence of Things
- Visual Computing

### Cluster 3: MEDIA, ANALYTICS & AI

- Introduction to Game Development
- Real-Time Graphics Rendering
- Big Data Analytics and Visualization
- Web Mining
- Solving Real World Problems with Simulation
- AI/ML for Financial Services

