



DULWICH COLLEGE | SHANGHAI PUDONG |

上海德威外籍人员子女学校（浦东）



# Brochure 2022

>25-27 Feb @DCSPD

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# What is HakD?

Hakd or HackDulwich, is a beginner-level hackathon designed for students in international schools in Asia. This is an event that will put people in new teams where they will work together to create a hardware or software solution, or a combination of both!!

This event is an opportunity to forge bonds with talented people and sharpen your programming ability over a fun-filled weekend. HakD will be held at Dulwich College Shanghai Pudong, 25-27th Feb.

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# "HakD

is a hackathon for everyone - people just like you, the person that sits next to you in history, and the other guy who is eating Pringles - yes, all of you are invited! Hackathons (contrary to teachers' concerns) are not events that encourage people to become Neo and hack into the Matrix. Rather, they are about challenging yourself to push the fundamental boundaries of what you can truly create. For those who are new to programming, this is a great opportunity for you to try it out and see if it is something you would like to pursue in the future. For those who want to flex their skills in creating awesome products with others, this is also a great opportunity for you to meet new people that share the same passions as you!"

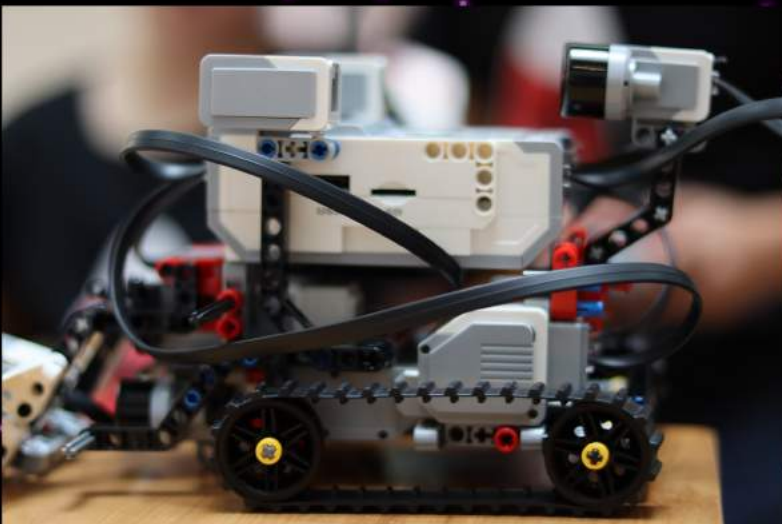
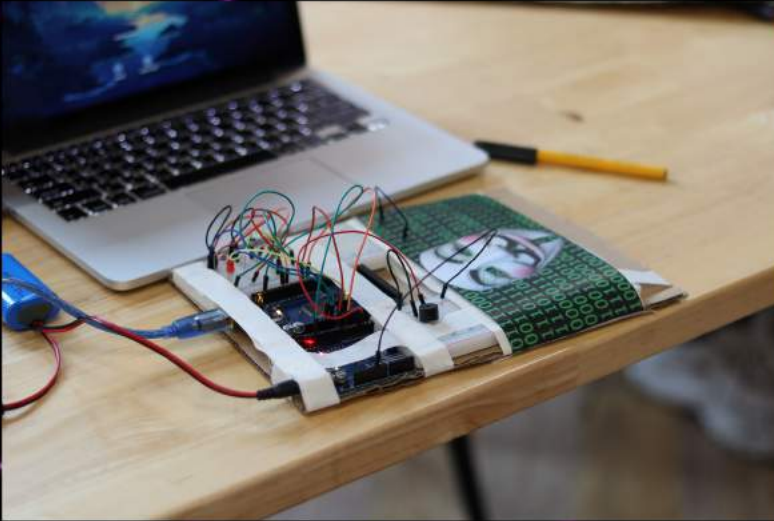
Kenn Chong,  
Founder of HakD





# Projects:

During the opening ceremony, a set of scenarios based on the theme will be revealed. As a team, you will pick a scenario and work on solving it through technology. Your prototype can involve software, hardware or even a mix of both!!



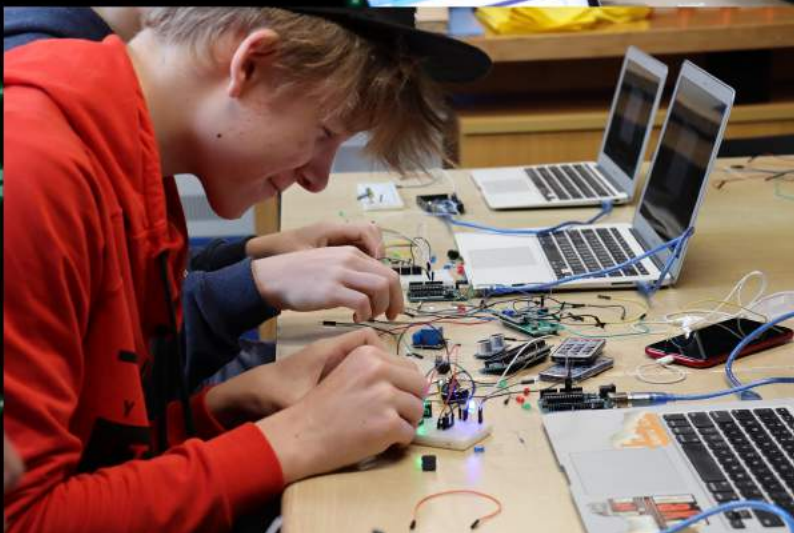
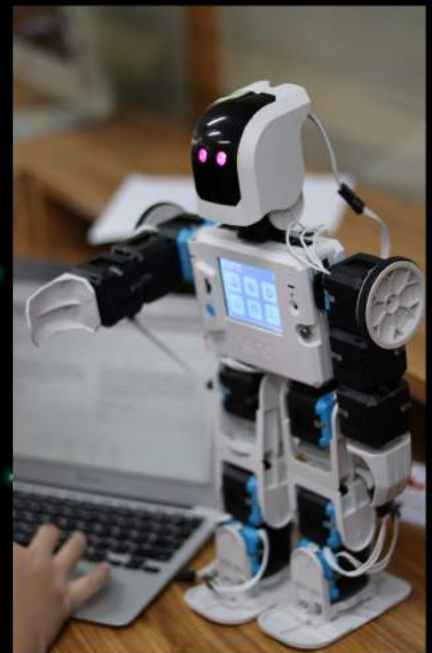


# Workshop:

On the first day of HakD you can participate in 2 tech-related workshops! You can choose which workshops you want to attend, and learn new skills ranging from web design to 3D Modelling.

If you're feeling tactical, you can coordinate which workshops to attend with your group so you can combine your newfound knowledge in making your product!

Details of each workshop will go live on the site atleast 2 weeks before the event!





# Present:



You will get the opportunity to present your products on the last day of HakD. The judges will assess your product and ask you questions in a science-fair style presentation. The top groups will then present their products in front of everyone and the winners will be announced!



# MEET THE TEAM

FINANCE



44.3%

RAYNOR

HR



117.6%

CHASE

LOGISTICS



60.1%

SKYLAR



193.7%

EDWARD

MARKETING



89.2%

JOSH

FILM



73.8%

BRYNLEE



193.6%

ATHARVA

SWAG BAG



62.0%

KEIRA



140.0%

MARING



## V13 TECH AMBASSADORS



SERENA



HERVE



MARCO



JUNTO



LEIPAKSHI

## STAFF



Mr. WHITAKER



Ms. HARDY



Dr. Y



Mr. FORBES



Mr. BROADBENT



Ms. WANG

This years theme...

# GAME ON





# Schedule:

## Day 1 - 25th Feb (Fri)

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16:00 Registration  
17:00 Opening Ceremony  
17:30 Workshop Fair  
18:30 Game Session  
19:30 Pizza party + Team discussion  
20:30 Depart

## Day 2 - 26th Feb (Sat)

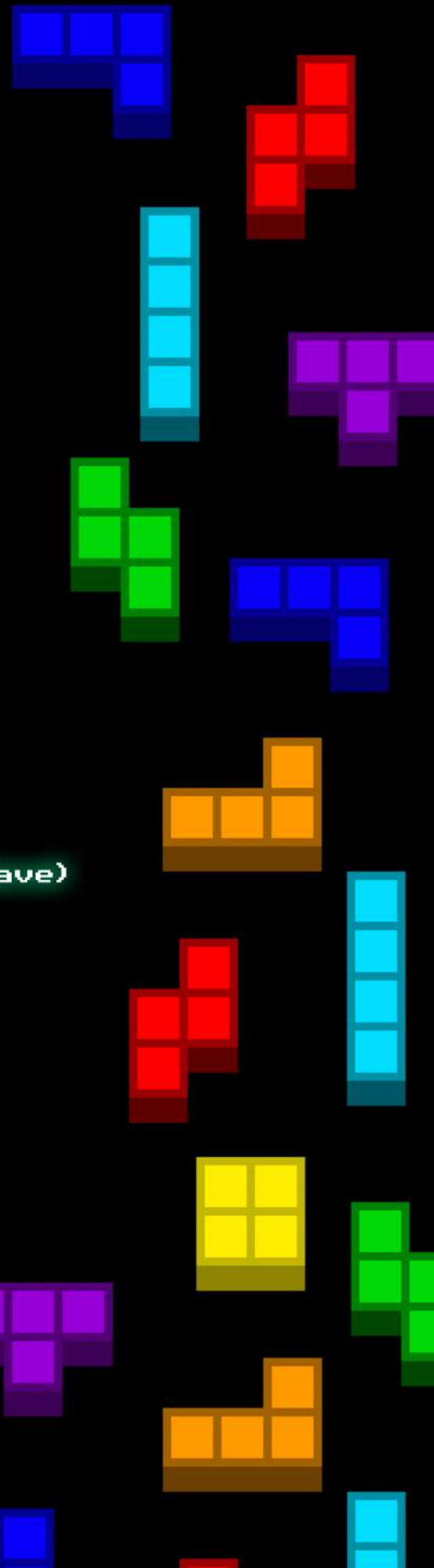
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08:30 Daily Briefing  
09:00 Workshop 1  
10:30 Break  
11:00 Workshop 2  
12:30 Lunch + Project time  
18:30 Dinner + Project time  
20:00 Return Home/Hotel (Optional Early Leave)  
21:30 Return Home/Hotel

## Day 3 - 27th Feb (Sun)

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09:00 Briefing  
09:30 Project Time  
11:00 Judging starts for Juniors  
11:45 Judging starts for Seniors  
12:30 Lunch  
13:30 Finalists Presentations  
14:00 Awards Ceremony  
14:45 Depart



# FOOD

All participants will receive lunch on both days, and a pizza party on Saturday evening. Students aged 14 years and above will be allowed to go off-site to Carrefour after 1830. A range of snacks will also be provided throughout the two days.

You can make us aware of any food allergies on the application form, and are welcome to bring your own food for meals if you wish.



# DRESS CODE

All participants will be given a HakD T-shirt during registration on the first day in their Swag Bag. This T-shirt should be worn throughout the event to locate participants easily.

Other clothing to be worn should be school-appropriate.





# FAQ

## **What skills are required to participate in HakD?**

> Everyone interested in tech and STEAM is welcome to participate!

HakD offers an opportunity for students of all experience levels to get involved and build an awesome product. No prior knowledge of any particular programming language is required.

## **What equipment do I need to bring?**

> A laptop and charger, pocket money, plus a handful of creativity and you are ready to go! Feel free to bring any additional equipment you need. We will also provide a wide variety of equipment including Arduino boards, Raspberry Pis, Matrix robotics kits, Tetrix robotics, Lego NXT kits, 3D printers, milling machine, a laser cutter and VR kits.

## **How are the teams assigned?**

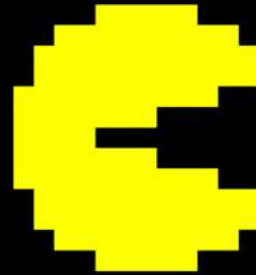
> Each participating school will assign students into pairs. At the event, each pair will be assigned to another pair, most likely students from another school. If there is an odd number of participants, each school is allowed to have one group of three.

## **Where can I find support?**

> Our staff and students on the campus are always happy to help. If you require any kind of support, feel free to ask us!

## **Where can I get more information?**

> Visit our website, [www.hakd.online](http://www.hakd.online) for more information. If you still require support please contact us via [hakd@dulwich-shanghai.cn](mailto:hakd@dulwich-shanghai.cn).



# Contact

**Official HakD Website:**  
[hakd.online](http://hakd.online)

**Official HakD Email:**  
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**上海浦东新区蓝梭路266号**

