

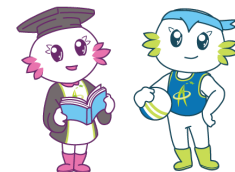


香港資優教育學苑

The Hong Kong Academy for Gifted Education

香港特別行政區政府教育局資助

Subvented by the Education Bureau, the Government of the HKSAR



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[**Gifted Programme**]

E3TEC002C

(Token- required)

Technology Course (Level III): Building Your Own Artificial Intelligence Pet

Mr Frankie Yip

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Founder and Director, Loraspe Technologies Limited



Application Deadline
3 Nov 2025 12:00 noon

Result Release
7 Nov 2025

Intended Learning Outcomes

Upon completion of the gifted programme, gifted students should be able to:

1. Explain key principles of artificial intelligence (AI) and describe their relevance in creating digital interactive experiences.
2. Design and build a fully functioning AI pet with an AI program.
3. Apply critical thinking and problem-solving skills to devise effective solutions to challenges in the development process.
4. Collaborate and work effectively in teams, contributing ideas and supporting peers to achieve a shared project goal.

If student members withdraw from the programme after the Application Deadline, the token will be deducted.

◆ Gifted Programme Introduction

In this course, students will learn the fundamentals of artificial intelligence (AI) while designing, building and programming their own AI pets. The contents include voice recognition and face recognition technologies, hands-on robot building exercises, collaborative projects, and presentation of built AI pet prototypes, fostering teamwork and innovation among peers. Through interactive sessions, students will also develop critical thinking and problem-solving skills, enhancing their understanding of the technologies in a fun and creative way.

◆ Schedule

Session	Date	Time	Venue
1	22 Nov	10:00 a.m. – 1:00 p.m.	Room 231, Ho Sin-Hang Engineering Building, The Chinese University of Hong Kong
2		2:00 p.m. – 5:00 p.m.	
3	29 Nov	10:00 a.m. – 1:00 p.m.	
4		2:00 p.m. – 5:00 p.m.	
5	13 Dec	10:00 a.m. – 1:00 p.m.	
6		2:00 p.m. – 5:00 p.m.	

◆ Suitable for

- S3 to S6 HKAGE student members in 2025/26 school year
- Class size: 30

◆ Pre-requisite

- Experience in computer programming is preferred, although it is not a must.
- Students are encouraged to bring their own laptops for the largest benefits from the workshop. For students without laptops, the instructor will provide laptops for them.
- The student has security right to install software onto the laptop brought along.

◆ Medium of Instruction

English with English Handouts

◆ Screening

Please answer the screening questions in the online application form.

*The screening questions are designed to help the applicant understand the course level and the course content. The questions must be answered by the student applicant and it can only be attempted once. The answers cannot be changed once the application is submitted. Selection is based on students' performance in answering the questions. Only students who can demonstrate motivation and knowledge of technology in the screening questions can be enrolled in the programme.

◆ Certificate

E-Certificate will be awarded to gifted students who have:

- attended at least 5 sessions; and
- completed all the assignments with satisfactory performance.