

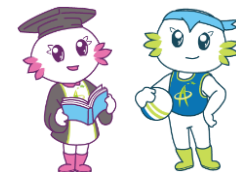


香港資優教育學苑

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** ]

**Artificial Intelligence Course (Level II)**

# AI Athletics MiniApp Pioneers

iREd Solutions Limited



**Application Deadline**  
**29 Jul 2026 12:00 noon**

**Result Release**  
**31 Jul 2026**

## **Intended Learning Outcomes**

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

1. Understand the key features of smart kits for data collection and analysis.
2. Design BLE-integrated Sport Kit prototypes for real-time tracking.
3. Apply cloud APIs and WeChat mini-programs (WXML/WXSS) for data visualization.
4. Evaluate AI models for sports performance prediction.

## ◆ Gifted Programme Introduction

「Smart Sports Tech!」 Data-driven analysis is often overlooked in modern athletics, yet it is key to unlocking an athlete's full potential. How can we optimize training and overcome performance plateaus? Technological innovations in IoT and A.I. are creating new opportunities for precision tracking and enhanced athlete engagement. This programme equips students with the skills to develop innovative solutions for sports data management and performance prediction, bridging the gap between raw metrics and actionable insights.

Students will gain hands-on experience by integrating BLE-enabled sport kits for real-time tracking and applying A.I. frameworks to forecast athletic performance. They will design intuitive data dashboards using WeChat mini-programs, focusing on user experience to make complex analytics accessible. The course culminates in a prototype presentation, where students showcase their solutions for sports health and monitoring. Participants will gain a solid foundation in A.I. and sports science, with outstanding students having the opportunity to explore real-world applications in the sports business sector.

## ◆ Schedule

Session	Date	Time	Venue
1	11 Aug 2026 (Tue)	9:30 a.m. – 12:30 p.m.	Room 105, HKAGE
2	13 Aug 2026 (Thurs)		
3	18 Aug 2026 (Tue)		
4	21 Aug 2026 (Fri)		

## ◆ Suitable for

- S1 to S5 HKAGE student members in 2025/26 school year
- Class size: 30
- The selection of student members will be conducted via a random computer-generated process, and the decision of the HKAGE regarding the selection results shall be final.

## ◆ Medium of Instruction

Cantonese with Chinese or English Handouts

## ◆ Pre-requisite

Participants are also required to bring their own laptop for each lesson (**Tablets are not recommended**. For further assistance, please contact us).

## ◆ Certificate

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

- attended at least 3 sessions; and
- completed all the assignments with satisfactory performance

## ◆ Enquiries

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