

# GAMING AND ARTIFICIAL INTELLIGENCE: Learn from experts how to develop your own games and apply AI techniques

FOR STUDENTS BETWEEN 14 AND 18 YEARS OLD

19 July – 23 July, 2021

CYENS Centre of Excellence, Dimarchias Square 23, Nicosia

Join our lively ecosystem of academics, researchers, creators and innovators, learn from the experts and gain hands-on experience in:

- Coding
- Artificial Intelligence
- Ethics in AI
- Game design and development
- Computational cognition
- Computer graphics
- Visual sociology

## WHO CAN APPLY?

High school students in Cyprus with a zeal for innovation and innovative ideas. Applicants must be between 14 and 18 years of age and be returning to high school in the fall of 2021.

\*Programming skills are not required but useful.

## WHAT WILL I LEARN?

You will gain a basic understanding of the various common elements of game development such as 2D and 3D graphics, animation, audio and collision handling. You will also learn how artificial intelligence techniques can be applied in a game environment.

The course will be organized into two complementary modules—game development in UNITY and game exploration using AI. Additional topics will include AI ethics, innovation, entrepreneurship and the role of multidisciplinary teams.

## HOW CAN I APPLY?

Complete the application form found [here](#) by **July 2nd, 2021**. All applications will be acknowledged, but only successful applicants will be notified by July 9th. Applications will be evaluated against predetermined criteria. Depending on the number of applications, final selection may be based on a random selection from all those meeting the minimum threshold. For further information please contact us at [innovation@cyens.org.cy](mailto:innovation@cyens.org.cy).

## IMPORTANT INFORMATION

The course is free of charge.

Daily start time: 8am end time: 2pm. Refreshments and snacks will be provided mid-morning and at lunch time. All relevant COVID-19 precautionary measures will be taken upon entry into the facility and throughout the class. These include but may not be limited to hand disinfection, masks, temperature monitoring and distancing.

## ABOUT CYENS, CoE

CYENS CoE, integrates academic research and industrial innovation through knowledge and technology transfer on the island and in the region. This program falls within the scope of CYENS's efforts to inspire talented young students in Cyprus to follow careers in interactive media, smart systems and emerging technologies by exposing them to cutting-edge methods in these areas.

