



# AR-VR and Coding Skill Program

Making students into  
creative thinkers and  
leaders for the digital  
world

*EduVance*®



**STEM**.ORG  
**ACCREDITED**™  
EDUCATIONAL EXPERIENCE ✓

"Immersive technologies, namely virtual and augmented reality, will fundamentally alter how we interact with content"

**McKinsey Report**

"AR and VR will be the future of technology and professionals will be expected to know how to use them"

**Delloite Report**



# AR-VR are Technologies of Today and Tomorrow



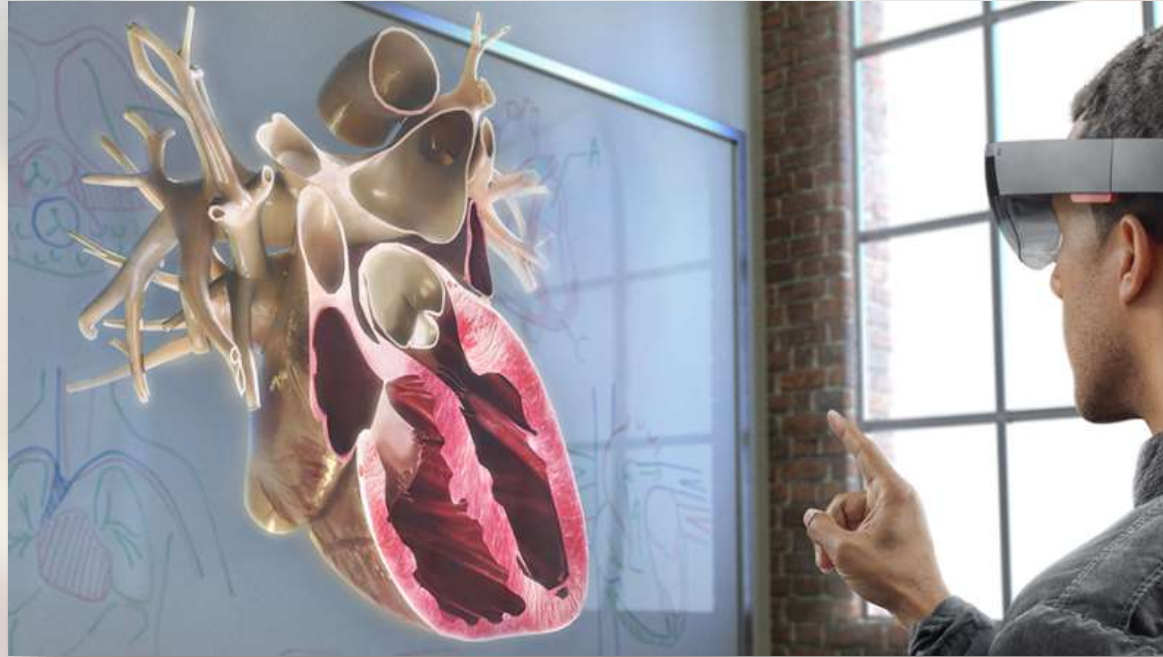
Augmented Reality



Virtual Reality



# AR-VR in Medicine



Augmented Reality also makes it possible for doctors to better determine their patients' symptoms and accurately diagnose them

Augmented Reality



The Medicine industry employs virtual reality throughout its various sectors in order to offer a higher quality of care and efficiency to patients and medical professionals alike

Virtual Reality



# AR-VR in Engineering



Augmented reality is extensively used in manufacturing assembly. Boeing, uses augmented reality to alleviate its sophisticated methods of wiring its 787-8 plane

Augmented Reality



Car manufacturers use VR for prototyping purposes during the design process. This enables them to produce several versions which are then tested and changed as per the results

Virtual Reality



# AR-VR in Game Design



Augmented reality in the gaming industry uses the existing environment and creates a playing field within it. AR games can be played on phones, tablets, and portable gaming system

Augmented Reality



Virtual reality gaming is where a person can experience being in a three-dimensional environment and interact inside that space during a game

Virtual Reality



# AR-VR in Finance



Being able to visualize data is an important tool traders use AR adds to this experience and make it easier and faster to visualize and organize large amounts of data

Augmented Reality



Virtual reality can benefit the insurance companies to train their agents regarding the specific requirements with the help of visual simulations

Virtual Reality



# What will our AR-VR program teach you?



CODING



3D MODELING



AR APP DEVELOPMENT



VR HEADSET BUILDING



VR APP DEVELOPMENT



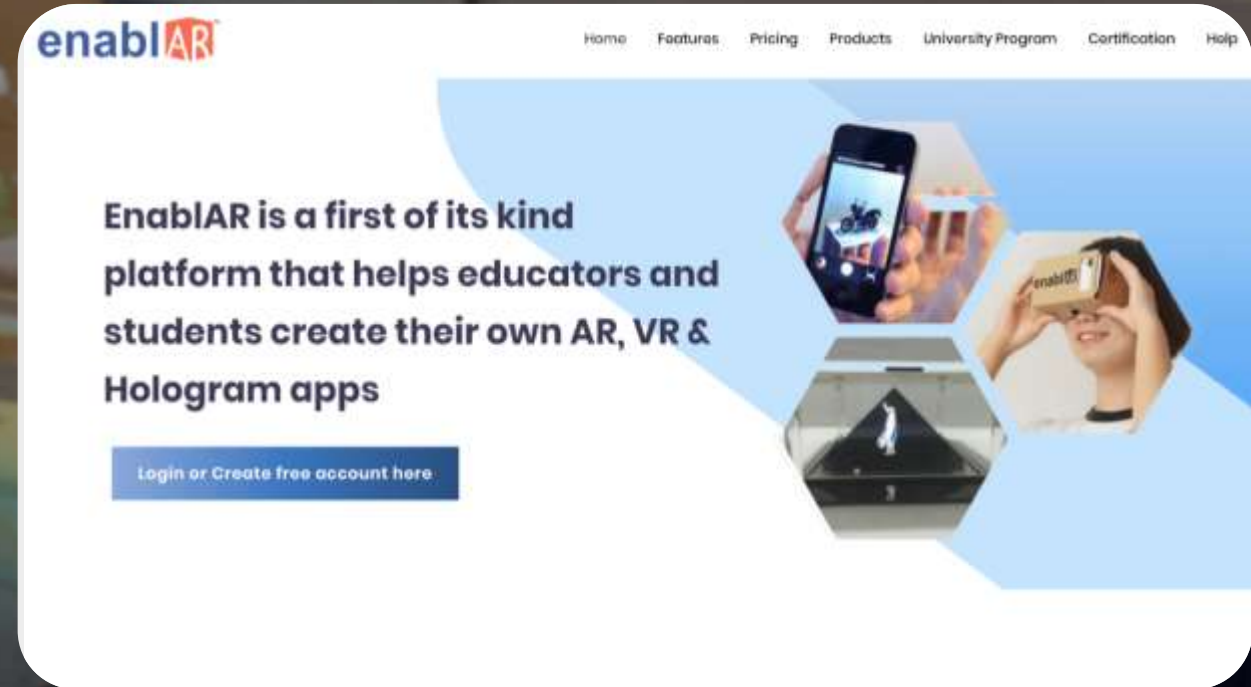


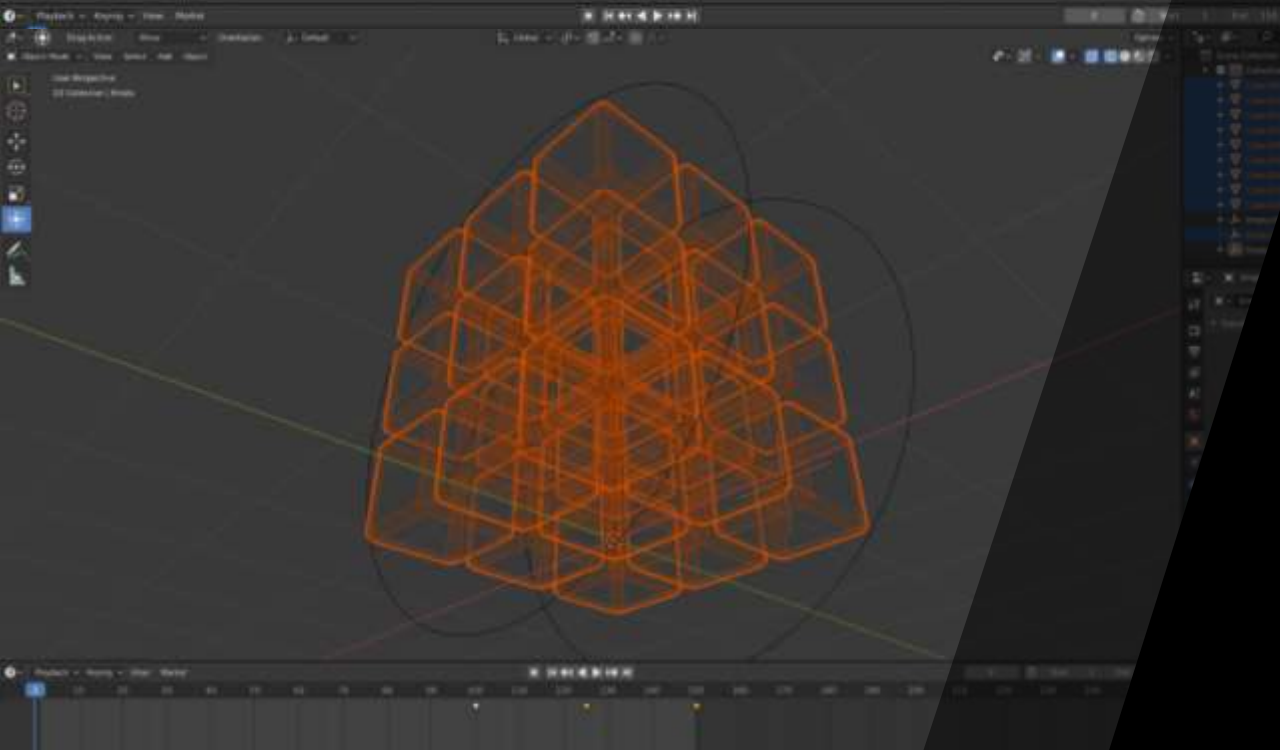
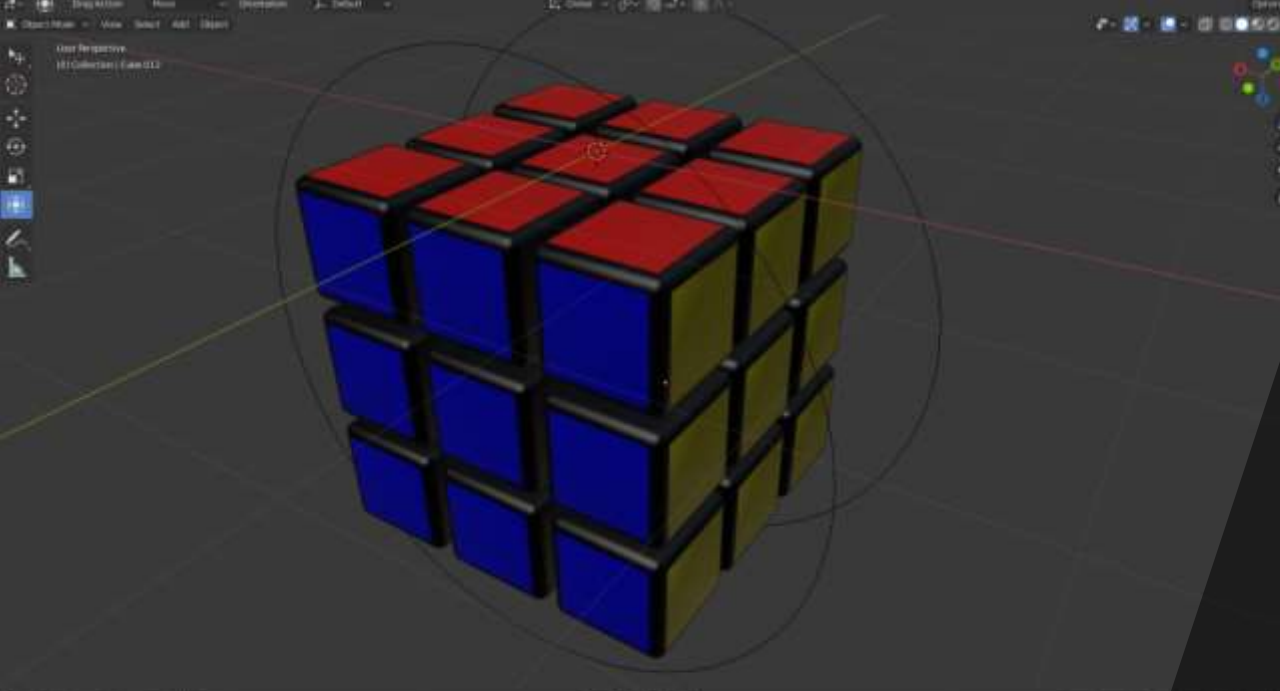
# How will we Teach you!

**3D Modeling**

+

**enablAR™**

A screenshot of the enablAR website homepage. The page features the enablAR logo in the top left corner and a navigation menu with links for Home, Features, Pricing, Products, University Program, Certification, and Help. The main content area has a blue background with the text: "EnablAR is a first of its kind platform that helps educators and students create their own AR, VR & Hologram apps". Below this text is a blue button that says "Login or Create free account here". To the right of the text are three circular images: a hand holding a smartphone displaying an AR application, a person wearing a VR headset, and a hand holding a cardboard AR trigger.



# Concepts of 3D Modeling

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- Understanding 3D perspective
- Creating basic 3D models using Paint3D
- Adding Textures/ stickers in Paint 3D
- Advanced 3D modeling using blender
- Adding materials to the 3D model
- Making a basic animation cycle

After learning 3d Modelling you will build  
Augmented Reality apps



Rubix Cube



Screen capture of Markerless AR application created by the student



# Then using our coding and design platform Your Projects will be your Success Story!

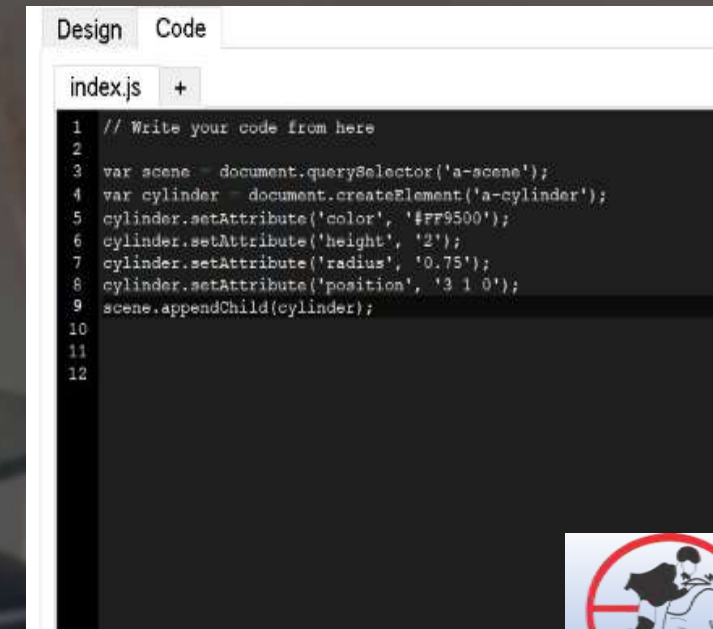
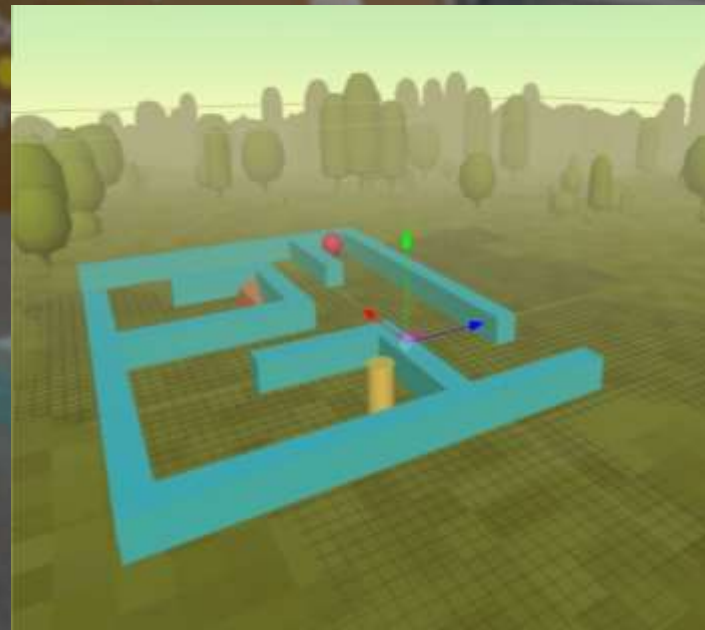
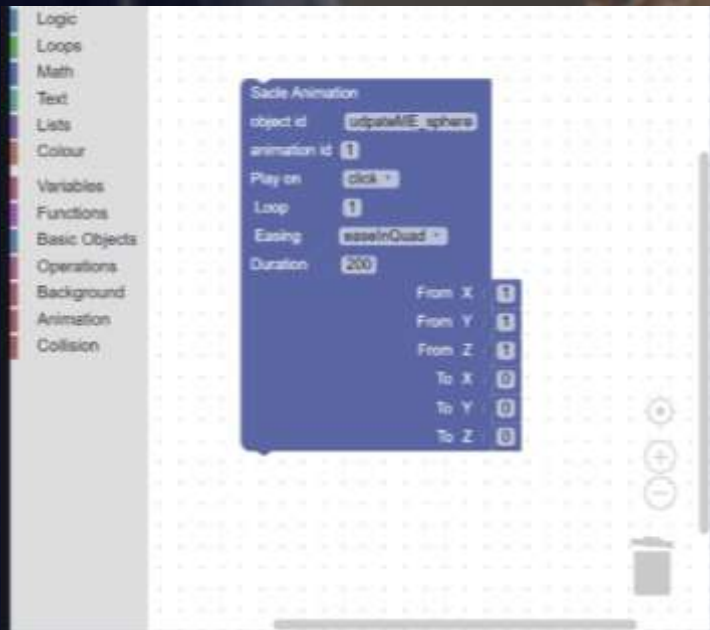
Learn Coding

+

Learn Game  
Development

+

Advanced  
Coding



epace setter

# Learn Coding and Game Building

enablAR Code 2.2

</> Block Code

Browse

Save

Run

Publish

enablAR

Logic

Loops

Math

Text

Lists

Colour

Variables

Functions

Environments

Background

Animation

Basic Objects

Operations

Collision

Environment: Forest

Import Model Name mod1 plutox.gltf

Add to camera

Set Scaling Object ID: mod1 X 0.2 Y 0.2 Z 0.2

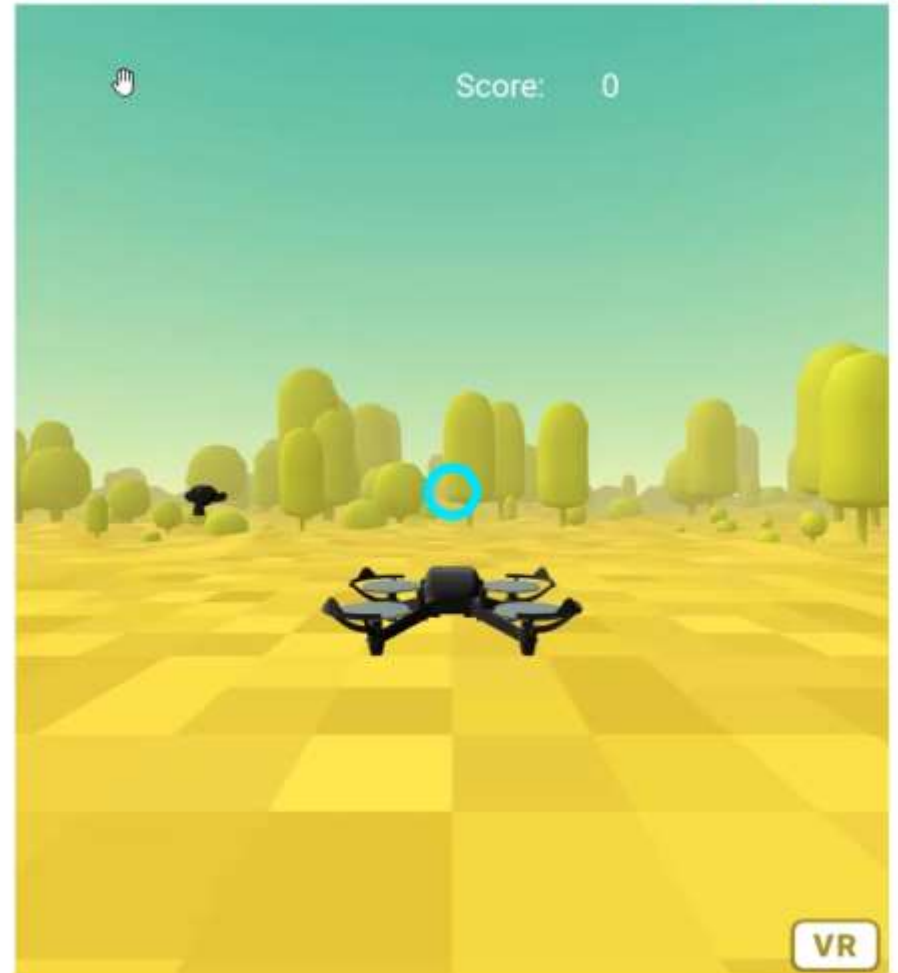
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Set position Object ID: mod1 Y -2

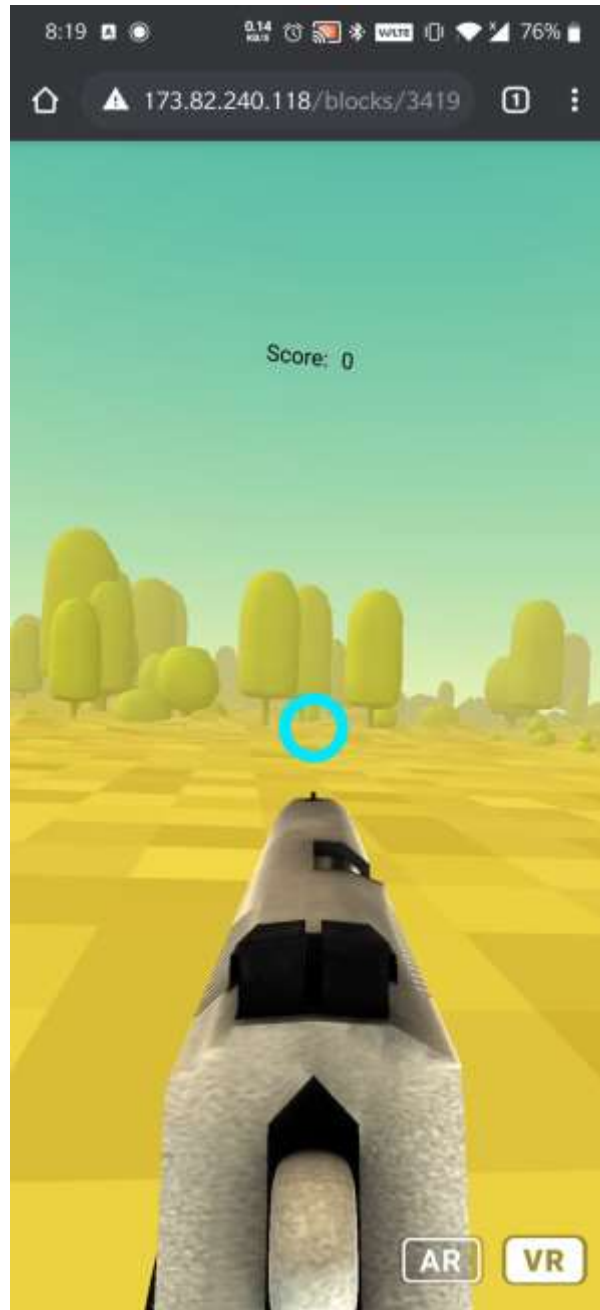
Set rotation in degrees Object ID: mod1 Y 90

Set Text score Score:

Set Text num 0

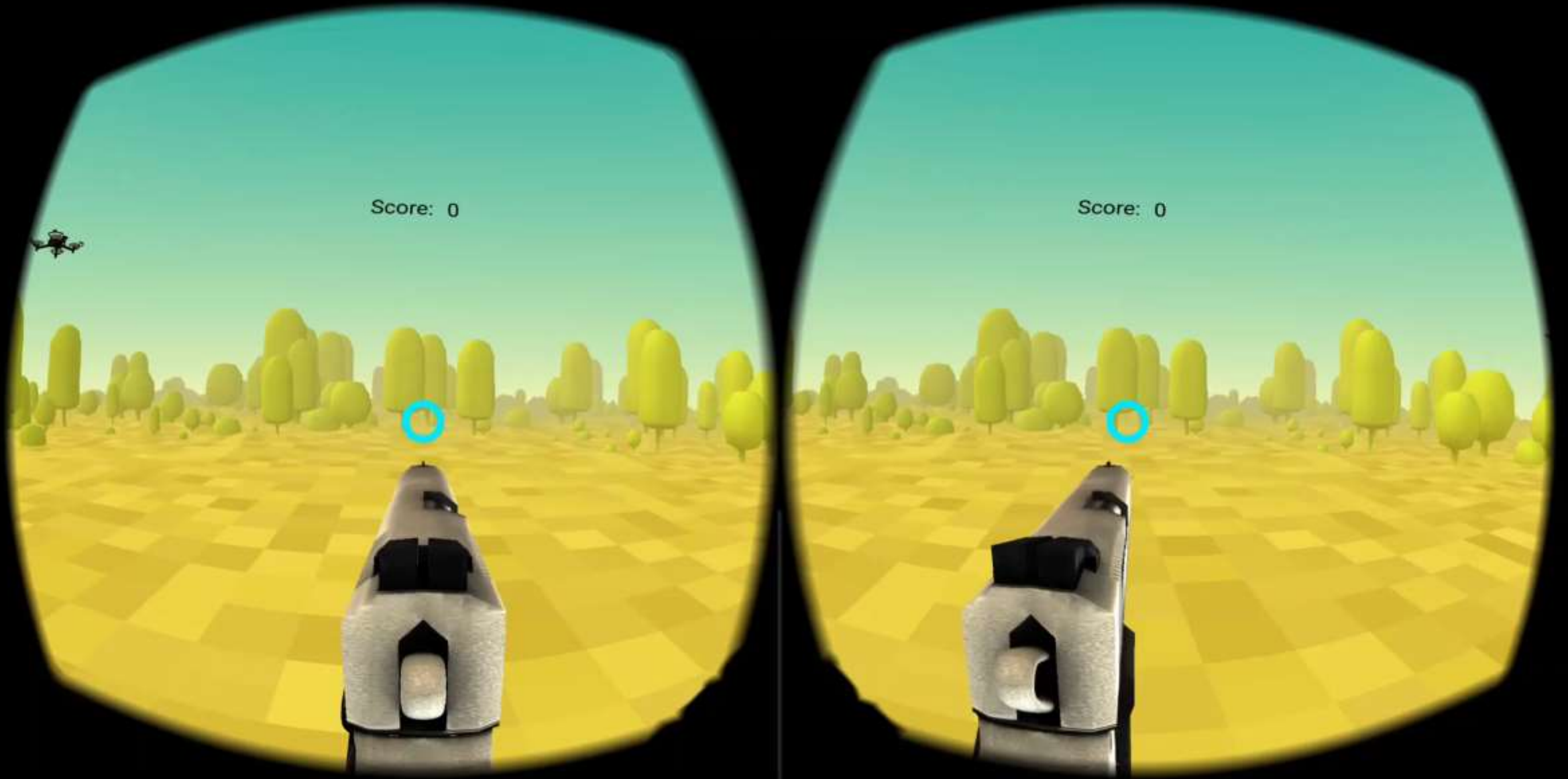


Build your  
games on  
Mobile  
Phones using  
Augmented  
Reality





# Build your games in Virtual Reality



# Why register for our AR-VR Skill Program



You will get a one-year license for EnablAR



International course certificate accredited by **STEM.org USA**



Top student projects will be featured on EnablAR's website and YouTube channel

# Our Skill Program Builds a Base for Future Careers



## 3d Designer

Build 3d designs for various design companies



## Augmented Reality Engineer

Build AR applications for different companies for products and services



## Game Developer

Build futuristic games for the education and gaming industry

**AR-VR presents career opportunities across all industries (medicine, engineering, commerce, architecture, automobiles)**