PURPLE TUTOR
Creating Future Tech Leaders!

ROBLOX
3D GAME DEVELOPEMENT COURSE

OUR PHILOSOPHY

Today children are growing up as first citizens of the digital world. We want to help parents ensure that their child's relation to Technology is not just that of a passive Tech Consumer. We are not happy with them just being a Tech Creator either -
We want the children to be Future Tech Leaders!
And with our Founding team having worked at global technology leaders like Amazon, we know exactly what that takes.

Leaders are about Excellence and Independence. Hence, we obsess about building **Independent Coding Confidence** in every single child.

That means their learning is not dependent on the teacher, only facilitated by it. Every project they do - they are measured not just on the output but on their confidence & ability to make it entirely on their own.
As ambitious as it sounds, without it we feel we haven't done our job. There is no point copying code or making impressive projects with 90% contribution by the teacher and passing it off as student's project.

To achieve that, apart from having computer science alums from IIT & CMU as curriculum heads, PurpleTutor is the only platform that:

- Mandates every teacher to have a formal Computer Science degree.
- Has inhouse teacher training, **PurpleTutor Academy**, where teachers are trained to let the students Lead the curriculum journey as per their creative ideas, ability and interest.
- Ensures each child develops Independent Coding Confidence, and go from being a **Coder -> PurpleCoder**!

PURPLE TUTOR
https://www.purpletutor.com/

Founded by Alumni of

Carnegie Mellon University

IIM AHMEDABAD

amazon

ROBLOX
3D GAME DEVELOPEMENT COURSE

PurpleTutor is excited to launch a course on one of the world's biggest gaming platforms for children! Roblox is used by over 150 million children worldwide. In this course, the students will start with creating interactive 2D games and animations using JavaScript. Then, they will use the Roblox platform to create 3D games, and learn about fundamentals of VFX & graphic design.

MODULE 1

1-20 sessions

What will your child learn?

Drawing commands of JavaScript, X and Y coordinate system, Use of sprites, manipulate their properties and methods to create animations. Recap of programming concepts such as sequencing, iteration, conditionals, functions, variables, events and debugging while creating games and animations.

What will your child do?

Create 2D shapes, superimpose 2D shapes to create complex objects, create static scenes, simple animations and interactive games.

BENEFITS

- Detailed assessment report
- Two 2D animation projects
- Two 2D game projects

MODULE 2

21-60 sessions

What will your child learn?

X, Y and Z coordinate system. Basic LUA script commands, drawing 3d objects and manipulating their properties to create scenes and animations on Roblox platform. Recap of programming concepts such as sequencing, iteration, conditionals, functions, variables, events and debugging while creating games and animations.

What will your child do?

Create 3D shapes, superimpose 3D shapes to create complex game objects, Use the Terrain Generator to Create Interesting Land-scapes, create a 3D Obstacle course, and create 3D Labyrinth with mystical doors.

BENEFITS

- Detailed assessment report
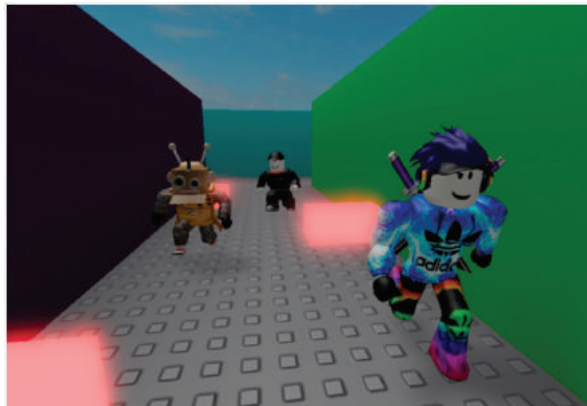- Two 3D animation projects
- Two 3D game projects

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STUDENT PROJECTS

3D MAZE GAME

Concepts

Creative imagination, Step wise Thinking, Problem Solving

LAVA LAND

Concepts

Creativity, Logic, Lua programming language

DANCE ANIMATION

Concepts

Creativity, Visualization, Generalization

If your game becomes popular across the Global Roblox Game Developer's Forum, you would even get a chance to start monetizing your Game Developing Skills!

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PARENT TESTIMONIALS

Among the three extra curricular classes Aman has signed up for, PurpleTutor is the one he enjoys the most. He seems to be doing the coding projects on his own all the time, while I constantly need to chase him for the other two!

Ashutosh Wakankar, Aman's father, USA

Ahana keeps telling me that she gets so much space for creativity with PurpleTutor. She is really excited about her classes, and I love how PurpleTutor is so service oriented and friendly.

Vipula Gandhi, Ahana's mother, USA