

AI SUMMER CAMP 2023



100% Online & Tutor-Led



Hands On & Experiential



Prerequisite: Interest in AI



Certificate on Completion

AI For Me

[Enroll Now](#)

Ages

7 to 10

Duration

Monday to Friday (2 weeks)

10 Classes x 1 Hour Each

What's included?

- Access to the lesson plans.
- Access to the Scratch AI extension
- Access to the "Free Play" AI extension

What will you learn?

- Computer vision
- Machine learning
- Perception in AI
- NLP - Natural Language processing
- Knowledge Representation
- Speech recognition
- Impacts of AI

What will you create?

- Train a machine learning model.
- Create and test your machine learning model using S4AIWS
- Sentence analysis.
- Emotion recognition
- Recognize handwritten text
- Create your clone as you move.

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My AI My Future

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Duration

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10 Classes x 1 Hour Each

What's included?

- Access to the course
- Access to the Scratch AI extension
- Access to the "Free Play" AI extension

What will you learn?

- Speech Analysis
- Students will learn about the technology that powers chatgpt.
- Image Classifier
- Language Identifier
- Human finger identifier
- Machine learning
- Computer vision

What will you create?

- Build a language identifier
- Create a sentimental analysis program
- Create your own weather bot
- Create a machine-learning model to identify the alphabet
- Deploy and test a machine-learning model

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Future Ready AI

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Ages

11 to 13

Duration

Monday to Friday (2 weeks)

10 Classes x 1 Hour

What's included?

- Access to the course
- Access to the Scratch AI extension
- Access to the "Free Play" AI extension

What will you learn?

- Learn How Alexa & Siri works.
- acquire a thorough understanding of how chatgpt works
- Posenet Camera vision
- Natural Language processing
- Speech recognition
- Face Recognition

What will you create?

- Build an AI Calculator
- AI art
- Build a face recognition security system
- Create a posenet vision estimation model
- Build a home automation system
- Create & make an AI chatbot
- Build an AI face tracker mode

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Certificate on Completion

AI Meets AR

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Ages

11 to 13

Duration

Monday to Friday (2 weeks)

10 Classes x 1 Hour

What's included?

- Access to the course
- Access to the Scratch AI extension
- Access to the "Free Play" AI extension

What will you learn?

- Let's talk about the power of AI+AR
- Students will comprehend the AI ideas behind chatgpt.
- Face mesh - Computer vision
- Human Finger identifier
- Video sensing - Computer vision
- Machine learning

What will you create?

Build your own AI + AR games:

- Pacman.
- Flappybird.
- Fruit slicer.
- Snake game.
- Cleaning the sea.
- Maze game.
- Create your clone as you move.
- Name the sea animals you touch.
- Don't pop the balloons.