MEDVATION

Who Are We?

Medvation is a tech driven company that specializes in crafting interactive educational games and services tailored for children and teenagers. Our products are designed with ardent hearts to inspire STEAM (Science, Technology, Engineering, Arts and Mathematics).

Our Objectives

1 Craft interactive educational games that seamlessly marry fun with learning, all the while upholding educational integrity.

2 Ignite the spark in young minds, motivating them to ideate and solve problems using artificial intelligence and programming.

3 Arm the next generation with essential skills, preparing them for an ever evolving world.

4 Forge sustainable educational content that steers young minds towards a problem solving mindset, driven by innate curiosity.

Vision

Our vision is to pioneer the fusion of integrated STEAM educational content and interactive games powered by artificial intelligence. We are on a mission to shape children into the innovators and creators of tomorrow, ensuring every child is ensconced in a vibrant and inventive learning milieu.

Mission

Medvation is set on harnessing artificial intelligence to revolutionize interactive educational content and games. We integrate a modern programming lens, making learning enjoyable and instilling a deep rooted scientific curiosity in budding innovators.
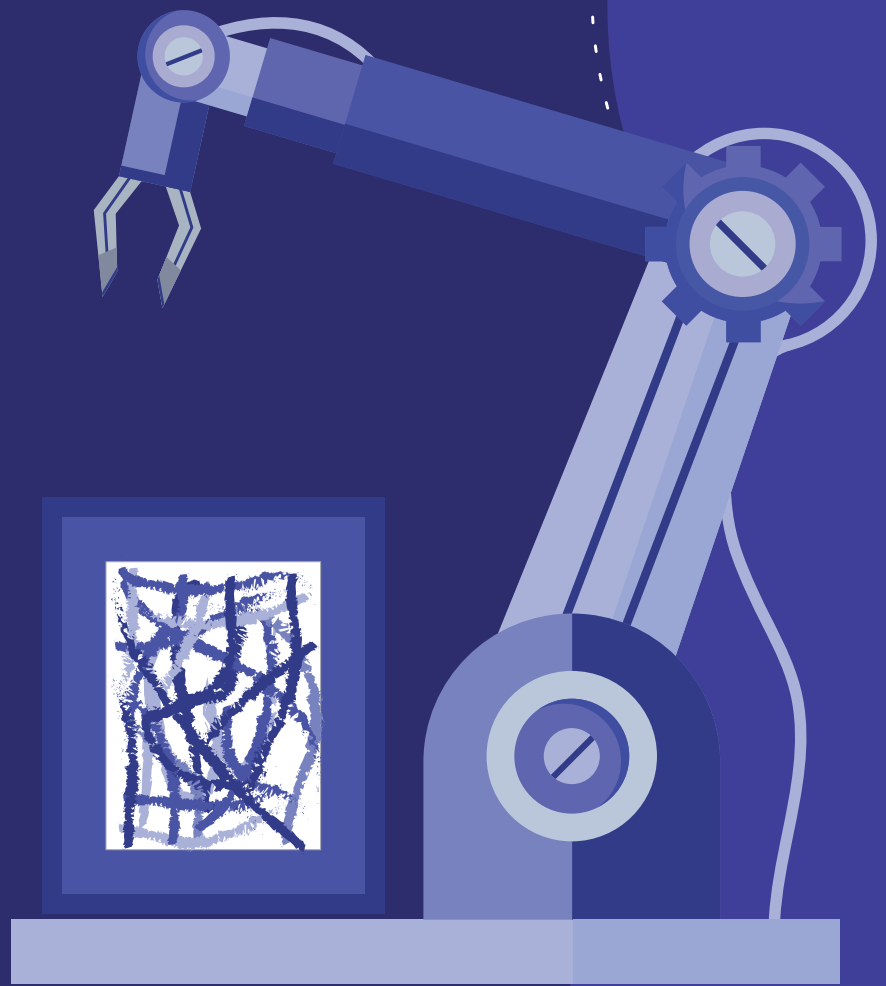
SAAI FACTORY
SUPER ARTISTIC AI
FOR KIDS

SAAI for Kids Workshops
Medvation AI in Art!

The Space of AI-STEAM Education
Learning while Having Fun!

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● Workshop ●

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Introduction

We at Medvation are excited to participate as organizers and sponsors in the third SAAI (Super Artistic AI) Factory Hackathon 2025. We are thrilled to introduce a new branch of the SAAI Factory Hackathon specifically designed for children aged 9 to 18. Our goal is to inspire these young minds by blending classical art with AI, guiding them to create art across various forms, including music, visual arts, cosmetics, baking, and sculpture, using advanced AI models. This innovative approach empowers children to merge programming with creative expression, enhancing their technical skills while fostering a deeper appreciation for creativity and innovation.

Goals and Outcomes

1 Establish a solid foundation in both programming and artistic skills

2 Enable young scholars to work with generative models that produce art, utilizing tools like NLP, VR, and other art-related technologies.

3 Create a nurturing environment that supports the transformation of creative ideas across different mediums

4 Foster a community of young creative thinkers, programmers, and artists.

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SAAI for kids stream

1	**Keynotes**	2	**Workshops**
3	**Hackathon**	4	**Exhibition**

Proposed Keynote

1 Innovating Art through AI

Exploring new creative possibilities by integrating art with artificial intelligence.

2 Practical AI Experience

Engaging directly with AI technologies to enhance artistic skills.

3 Fostering Collaborative Creativity

Promoting teamwork and shared artistic endeavors.

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Each workshop consists of two parts:

1

Art Workshops
(Visual and Educational Part)

Hands-on instructional activities where artists teach children classical techniques, such as creating 3D art using applications.

2

Tech Workshops
(Generative Art Part)

Children will learn how to generate art using artificial intelligence and algorithms.

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Workshops

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Classic Art Techniques Workshops

1 **3D Modeling with Clay:** Learn the basics of sculpting and how these techniques can be translated into 3D modeling software.

2 **Sketching and Drawing:** Techniques for capturing artistic concepts on paper, focusing on form, perspective, and shading

3 **Color Theory and Application:** Understanding the fundamentals of color theory and how it influences mood and depth in visual arts.

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Classic Art Techniques Workshops

4

Digital Painting: Explore the transition from traditional painting to digital platforms using tablets and software like Adobe Photoshop.

5

Collage Creation: Creating mixed media collages using both physical and digital elements.

These workshops will be organized in collaboration with the Art community at KAUST and MYN corner team, who will teach art techniques to children, helping them create a piece of art in classical drawing, clay art, Wand more.

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AI Art Model Workshops

1

Generative Art: Text to Image:
Learn how to create visual art from textual descriptions using AI models.

2

Text to VR: Immersive Experiences:
Transform text into immersive VR environments, exploring the intersection of narrative and virtual reality.

3

Text to Video: Generate videos from written scripts, exploring how AI can be used in filmmaking and animation.

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AI Art Model Workshops

4

Text to Audio:
Convert textual input into audio outputs like music or sound effects using AI-driven tools.

5

Audio to Image or Text:
Explore how sound can be visualized or translated back into text using AI models.

The code for these workshops will be prepared in a Colab notebook and made available on the club's GitHub repository.

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Expected Outcomes from the Accompanying Exhibition

1 Showcasing unique works of art created during the workshops.

2 Demonstrating the impact of combining programming with creative expression.

3 Including diverse artistic activities, such as musical performances, sketching, and more.

Age:
9-18 years

3

Time:
April 2025: Hackathon will soon be decided.

5

Location:
KAUST, Thuwal. Jeddah, Saudi Arabia

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Medvation space

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