ARTIFICIAL INTELLIGENCE FOR K-12

CODING & MORE

MONTHLY NEWSLETTER

CODING & MORE

THINK > CREATE > INNOVATE

Coding and More, is a personalised Edtech company that teaches AI and Coding to children in the K-12 grade band. We truly believe, that today, AI Literacy is as fundamental as language literacy. AI and Machine Learning are being used in varied industries from Business and Art to Law and Health.

Coding and More believes that learning should be fun!! When a child links AI to his/her favourite subject or a personal hobby - as educators we know we have ignited the spark.

It is with this thought in mind that we put together our monthly newsletters. Every month we share interesting AI resources as well as international opportunities, with the hope that there is something to kindle every child's curiosity.

CLICK THE ICONS TO LEARN MORE ABOUT OUR AI EDUCATION FOR KIDS

Questions?
Click here to get in touch with us

JUNE SPOTLIGHT - AI FOR HEALTHCARE

AI is a tool that is shaped by its creators - humans. As citizens of the world work towards achieving the Sustainable Development Goals envisioned by the United Nations (UN SDGs), it is our responsibility to propel technological developments towards a fairer and better world. Each month we focus on one SDG and try to understand how AI can help to achieve it.

This month we have picked UN SDG #3 'Good Health and Well-being'. We explore some of the opportunities and challenges of using AI in healthcare.

APPLICATIONS OF AI FOR HEALTHCARE

WEBINAR FOR KIDS - JUNE

In our monthly live webinars children have the opportunity to interact with AI experts and learn about how the expert uses AI in their profession.

This month Haya Elayan, Data Scientist and researcher at University of Leeds, UK, spoke to our kids about how AI can be used in healthcare.

Click Here to Watch

AI BYTES #1

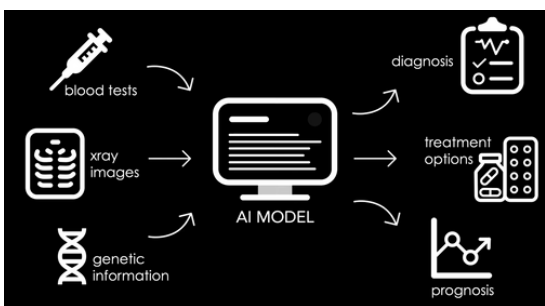Members of Stanford Medicine discuss the state of AI in medicine, the impact and implications.

Watch

AI BYTES #2

There are several ways in which AI can be used in healthcare. In this article, 5 applications are discussed.

Read

AI BYTES #3

While there are several useful opportunities to use AI in healthcare it is also important to think about the challenges and possible solutions.

Watch

AI BYTES #4

Using AI in healthcare gives rise to significant data privacy concerns. Read to find out how and explore some ways to address it.

Read

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CODING & MORE   MONTHLY NEWSLETTER   **JUNE, 2022**
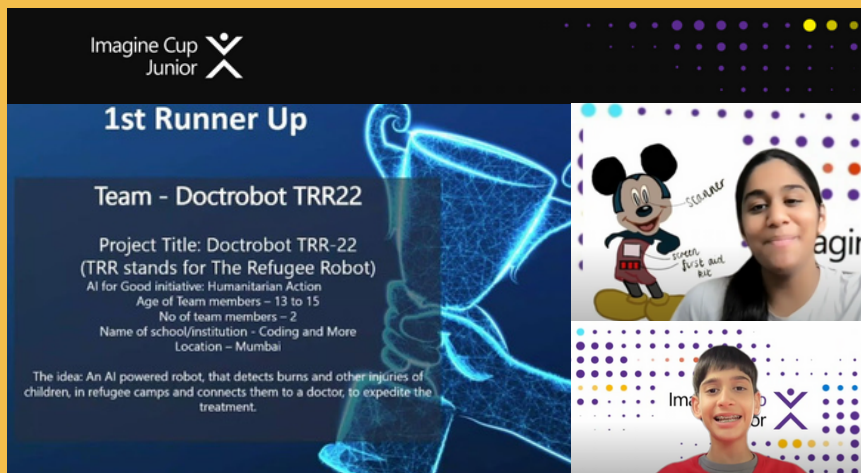
STUDENT SPOTLIGHT

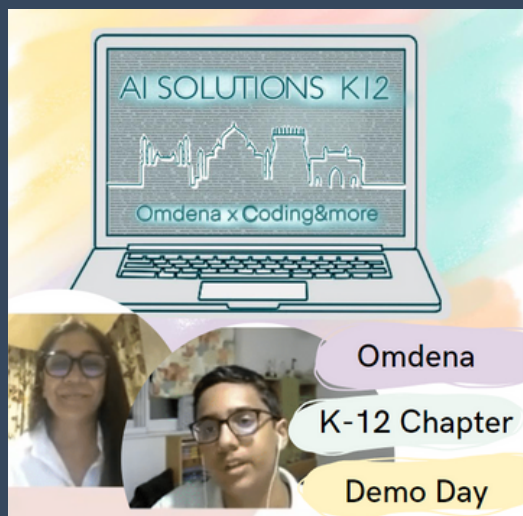### MICROSOFT IMAGINE CUP JUNIOR - 1st RUNNERS UP, INDIA

Coding and More's student team (Nyah Bhat and Vir Gogia) won the 1st runners up (India) at the Microsoft Imagine Cup Junior.

The topic they chose was 'AI for Humanitarian Action'. The idea they came up with was to build an AI powered robot that detects burns and other injuries of children in refugee camps and connects them to a doctor to expedite the treatment.

WATCH THEIR PITCH

Imagine Cup Junior

1st Runner Up

Team - Doctrobot TRR22

Project Title: Doctrobot TRR-22
(TRR stands for The Refugee Robot)
AI for Good initiative: Humanitarian Action
Age of Team members – 13 to 15
No of team members – 2
Name of school/institution - Coding and More
Location – Mumbai

The idea: An AI powered robot, that detects burns and other injuries of children, in refugee camps and connects them to a doctor, to expedite the treatment.

OMDENA K-12 CHAPTER - DEMO DAY

AI SOLUTIONS KI2

Omdena x Coding&more

Omdena
K-12 Chapter
Demo Day

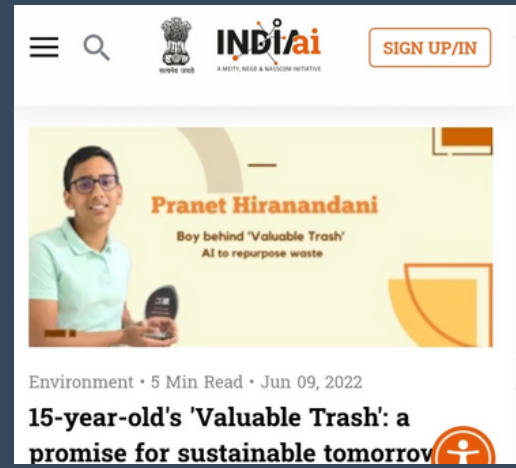Our student Pranet Hiranandani presented his AI powered solution to reduce food waste to the Omdena community.

Omdena is a global platform to bring together the AI community with impact-driven organizations to educate, innovate, and deploy real-world AI solutions.

Coding and More has initiated the first K-12 Omdena chapter especially for the younger cohort of students.

WATCH PRANET'S PITCH

STUDENT INTERVIEW

Anika Shah
-Student, AI Enthusiast

Tale of a tenth-grader who developed AI for COVID-19 diagnosis

Pranet Hiranandani
Boy behind 'Valuable Trash'
AI to repurpose waste

Environment • 5 Min Read • Jun 09, 2022
15-year-old's 'Valuable Trash': a promise for sustainable tomorrow

INDIAai - The National AI Portal of India, recently interviewed two of our students Anika Shah and Pranet Hiranandani about interesting AI models that they had built. Their projects are an inspiring demonstration of how AI can be used for global good.

Click to Read   Click to Read

STUDENT ARTICLE

THE FREE PRESS JOURNAL

HOME   OPINIONS   INDIA   WORLD   BUSINESS   ENTERTAINMENT   SPORTS   LIFESTYLE   EDUCATION   LEGAL   BRANDSUTRA

It is proven that 90 percent of the world's data has been generated in the past two years only. Hence, we live in the age of 'Big Data,' where massive amounts of data are being generated with every passing second. Collecting, sorting, and analysing this data is a tedious job for humans to perform, and this is where machine learning saves the day. By feeding the machine with information, the technology helps it remember and store the information to make predictions for the future.

Vidhushi Karnani, 15, a student of Bombay International School, has written an article about AI and how learning about it at a young age can be helpful.

Vidhushi, is a passionate learner and believes that writing is an incredible way of communication and knowledge-sharing.

Click to Read