

Robotics

- Robotics is an interdisciplinary branch of engineering and science that produces machines, called robots, that substitute for (or replicate) human actions.
- Robotics deals with physical robots. Robots are programmable machines that are usually able to carry out a series of actions autonomously, or semi-autonomously

Here are 2 articles that help you understand more:

- [Article 1](#)
- [Article 2](#)



(Right click on the link and open in a new tab/window)

Robotics Trivia – Did you know?

Aristotle spoke of removing slavery through tools who worked on their own accord in 320 BC

In 1495 Leonardo da Vinci sketched plans for a humanoid robot.

Henry Ford installed the world's 1st moving conveyor belt-based assembly line in 1913

The first robot toy, Lilliput, was made in Japan in 1932

[Click here for more!!](#)

Alan Turing proposed the Turing Test in 1950

1954 - George Devol and Joe Engleberger design the first programmable robot 'arm'.

1977 Star Wars was released.

1986 The first LEGO based educational products were put on the market

A computer built by IBM known as Deep Blue beat world chess champion Garry Kasparov in 1997

Researchers at Cornell University build the first self-replicating robot.

In 2016 the first social humanoid robot Sophia was activated by Hanson Robotics

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Evolution of Robotics

- From Isaac Asimov to modern industrial robots, there is a world waiting for you to explore the fascinating history.
- [Read here](#) about the Single-Task Machines to Backflipping Robots.
- [This video](#) gives a crisp history on the evolution of robotics. [9 mins]
- The world was in complete awe when Hanson Robotics introduced Sophia, the most advanced human-like robot.
- She was formally activated on February 14, 2016.

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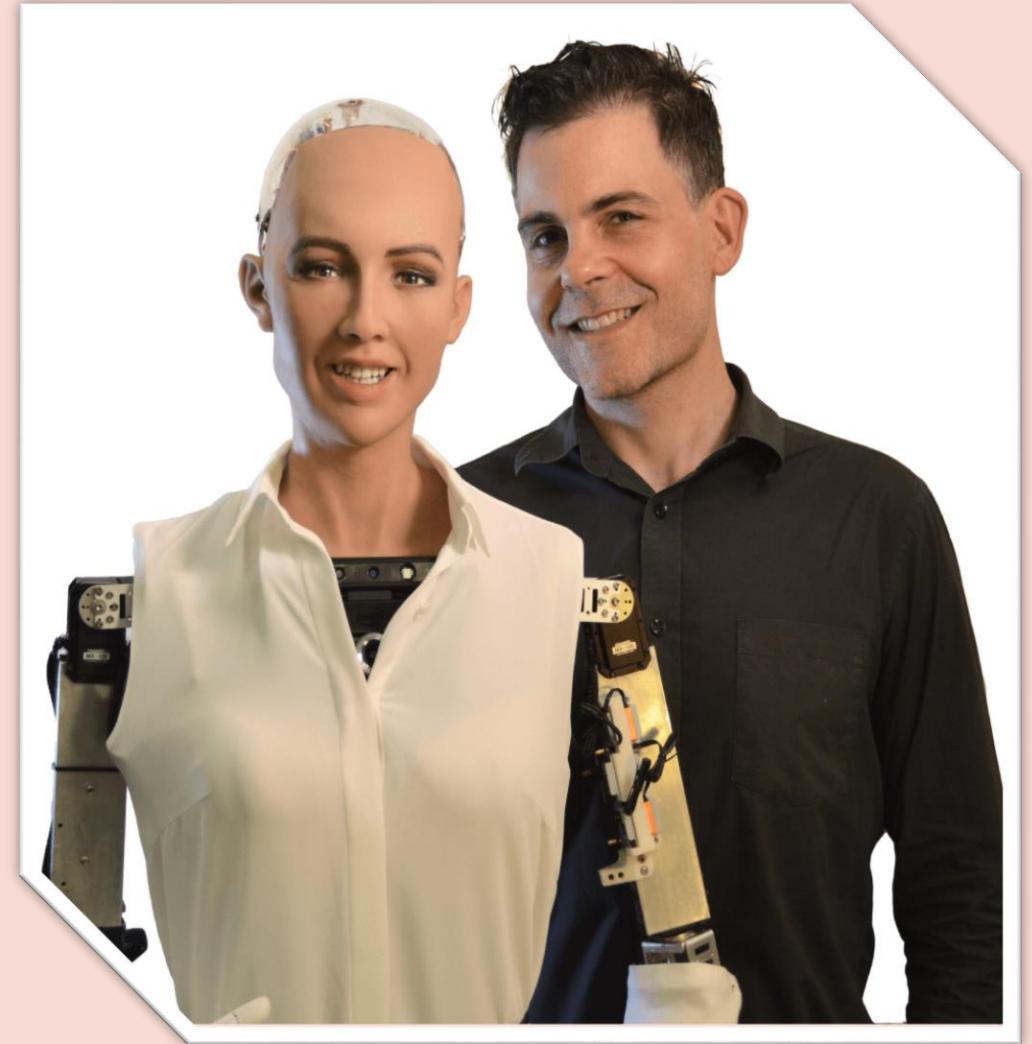


Image Courtesy: Google pics*

Evolution of Robotics

- The wonder was not only in the almost human like features but also the display of her more than 60 facial expressions.
- She got widespread attention and was the first robot to get citizenship.
- Sophia's inventor David Hanson says, "*The future of technology is not merely a matter of manipulating what is known in the world of science into new kinds of products, but, the role of technology is to facilitate human creativity, human betterment and the betterment of life.*"
- Here is a video with the [interview of Sophia](#) [12 mins]

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Image Courtesy: Google pics*