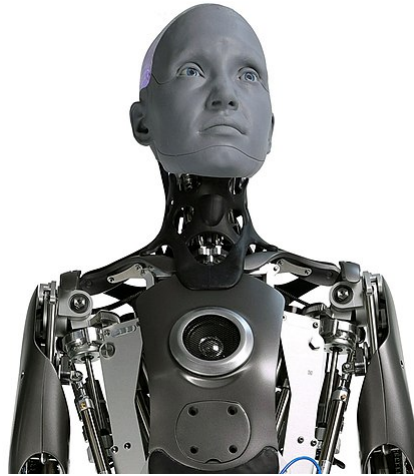


Ameca (robot)

Ameca is a robotic humanoid created by Engineered Arts.

Ameca



Ameca Generation 1

Manufacturer	<u>Engineered Arts</u>
Year of creation	2021
Type	<u>Humanoid</u>
Purpose	Human Interaction

History

The first generation of Ameca was developed at Engineered Arts headquarters in Falmouth, Cornwall UK.

The project started in February 2021 with the first video revealed publicly on Dec 1st 2021. ^[1] Ameca gained widespread attention on Twitter^[2] and TikTok^[3] ahead of its first public demonstration at CES 2022 Where it was covered by CNET^[4] and other news outlets^{[5][6][7]}.

In 2022, Ameca presented an Alternative Christmas message by Channel 4 for Christmas Day.^[8] Ameca is currently associated with the Museum of the Future's robotic family, where it can interact with visitors.^[9]

Features

Ameca is primarily designed as a platform for further developing robotics technologies involving human-robot interaction.^[10] It utilizes embedded microphones, binocular eye mounted cameras, a chest camera and facial recognition software to interact with the public. Interactions can be governed by either GPT-3 or human telepresence. Ameca also features articulated motorized arms, fingers, neck and facial features.

Ameca's appearance features grey rubber skin on the face and hands, and is specifically designed to appear genderless.^[11]

Public Appearances

- Museum of the Future, Dubai
- Consumer Electronics Show 2022^{[12][13]}
- Deutsches Museum Nuremberg^[14]
- OMR Festival 2022 Hosted by Vodafone^[15]
- GITEX 2022^[16]
- International Conference on Robotics and Automation 2023^[17]

- International Telecommunication Union AI for Good Global Summit 2023^[18]^[19].

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