ESSI is a humanoid robot with abilities to see, talk and hear. He interacts with humans in a natural way and he never stops learning. He is a pretty clever colleague.

Initially, the end game of the Essilor Virtual Agent work was to demonstrate the accessibility and power of Cognitive system through the cloud-based platform.

To this end, I buyed this robot for research and work with him. In 3 months, I and my technical/coding experience were able to teach a robot to be able to introduce a visual therapy game for children - a demonstration of how accessible/impressive the artificial inteligence really is.

As part of my further work with Essi I now leverage numerous Cloud services. These services include the Visual Recognition, Natural Language Classifier (NLC), Speech to Text, and Personality Insights services. The robot program that I am written now enables a person to control the robot verbally.

Essi´s capabilities could also be demostration with other devices like web applications or tablets. But the humans like more to interact with the robots.

{{RUN THE APPLICATION-main-classified-training}}

Yo: Tell me what tecnical functions do you have.

Essi: I have 4 built-in microphones and loudspeakers. Also I am equipped with two cameras. When you talk to me, I can see you and I am able to listen and speak to you.

Yo: What can you do?.

Essi:I can understand humans natural language and respond appropriately! How cool is that!

Yo: Is there a person in front of you?

Essi: This looks like a MALE, who is between the ages of 35 and 44

Yo. What is this? (sunglasses)

Essi: This could be a sunglasses. I am 84.0% sure.

Yo: Where do you work?

Essi: I work at Essilor

Yo: Do you have family?

Essi: Yes. I have a brother, his name is Luxotica!

Yo: do you want to be my friend?

Essi: Of course! Let us be friends! Yay!

Yo: Please sit down

Essi: Ok, I will sit

{{STOP THE APPLICATION-main-classified-training}}

{{RUN THE APPLICATION-main-therapy-training}}

Yo: What time is it?

Essi: My system tells me the time is 4:50 PM.

Yo. Can you introduce a vision game?

Essi: Yay! Let's play. Now, Pay Attention to the screen!. What robot do you prefer?. Orange?, Green?, Blue?, Red?

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