Johnny Nguyen

Project report

Strong artificial Intelligence

Introduction

Dans le monde actuel, l’intelligence artificielle représente un pillier du futur. D’après le moteur de recherche Google, ce terme a été recherché de XXX en 2004 à XXX aujourd’hui. Sauf que ce terme évoque en réalité une « intelligence augmentée » et non pas une intelligence artificielle (ref L. Julia).

Why ?

Siri, google assistant, Alexa => predefine commands

Explain to create a command on google assistant (action)

Explain to create a command on google assistant (skill)

Explain the others ?

Ref1 robot et IA

Ref2 virtual assistant

Another way to create a command => RL on voice and mouse move/click

Hypothesis to test

Explain the voice

Explain the mouse move/click

Objective: create an ecological artificial intelligent assistant

How to solve it ?

What are the mains results ?

Related work

RL in game (alpha go) with image

Dataset and features

Record 1minute/10minute/1hour/1day

Explain the image in the database

Record yes/no for RL

Explain the sounds in the database

Dynamc dataset

Methods

RL on dataset to understand the command and to find a new command

Experiments/Results/Discussion

Compare a command on cortana and sai

Compare the power used by the two methods

Explain the results

Use the different record to do stats

Compare commands to cortana

Discussion

How the results compare to what you expected, why ?

How the results compare to other researchers, why ?

What question, we need to ask next ?

Find something useful the researcher readers can learn about the work

Future Work

Try to launch the SAI everytime the computer is up

Generate a voice to communicate with SAI

Create a profil for each person who talk (voice recognition by person)

References/Bibliography

J.P. Laumond, “robotique et intelligence artificielle parlons-en »<https://lejournal.cnrs.fr/billets/robotique-et-intelligence-artificielle-parlons-en>

J. Cassel and C. Pelachaud, « Pourquoi les assistants virtuels ont besoin d’un corps », <https://lejournal.cnrs.fr/billets/pourquoi-les-assistants-virtuels-ont-besoin-dun-corps>

L. Julia, « L’intelligence artificielle n’existe pas »