



Artificial Intelligence, Tech & Coronavirus

**Grand Computers Club
New Technologies SIG
May 21, 2020**

Topics

- [New NT/SIG Web Site](#)
- **Categories**
- **Current practices**
- **Future developments**
- **Open discussion**
- **Questions**

Categories

Four types of Artificial Intelligence (AI)

- **Reactive**
- **Limited memory**
- **Theory of mind**
- **Self-aware**

Categories

Four types of Artificial Intelligence (AI)

- **Reactive**

(Water lawn at 7:00am)

REACTIVE

Has no memory,
only responds to
different stimuli

Categories

Four types of Artificial Intelligence (AI)

- **Limited memory**

**(Water lawn at 7:00am;
if it has not rained in 24
hours)**

LIMITED
MEMORY

Uses memory to
learn and improve
its responses

Categories

Four types of Artificial Intelligence (AI)

- Theory of mind

**(Water lawn at 7:00am;
if it has not rained in 24
hours and $< 50\%$
chance of rain today)**

THEORY OF MIND

Understands the
needs of other
intelligent entities

Categories

Four types of Artificial Intelligence (AI)

- **Self-aware memory**

**(Water lawn at 7:00am;
etc. and plant is still
alive)**

SELF-AWARE

**Has human-like
intelligence and
self-awareness**

Categories

Other types of AI:

- **Artificial narrow intelligence (ANI)**, which has a narrow range of abilities;
- **Artificial general intelligence (AGI)**, which is on par with human capabilities; or
- **Artificial superintelligence (ASI)**, which is more capable than a human.

Current Practices

- **TraceTogether – tracks contacts via Bluetooth**
- **Digital fence – signals when quarantined subject wanders beyond safe location**
- **Corona100 – Signals when infected subject comes within 100 meters of app user**
- **Telemedicine**
 - **On demand care**
 - **Asynchronous care**

Future Developments



[Outbreak science](#)



[BlueDot](#)



[IBM Watson Health](#)

Useful Sites

- [7 Types Of Artificial Intelligence](#)
- [What are the 3 types of AI?](#)
- [Using tech to combat the coronavirus](#)
- [Pandemic may push telemedicine into mainstream](#)
- [AI to triage covid-19 patients](#)
- [AI steps up in the battle against Coronavirus](#)
- [Computer algorithm that was among the first to detect the coronavirus outbreak](#)

Next Meeting

To Be Determined

Thursday June 18, 2020

3:00-4:30pm

Virtual Meeting

Connection Info to be Sent



Discussion

