



1983

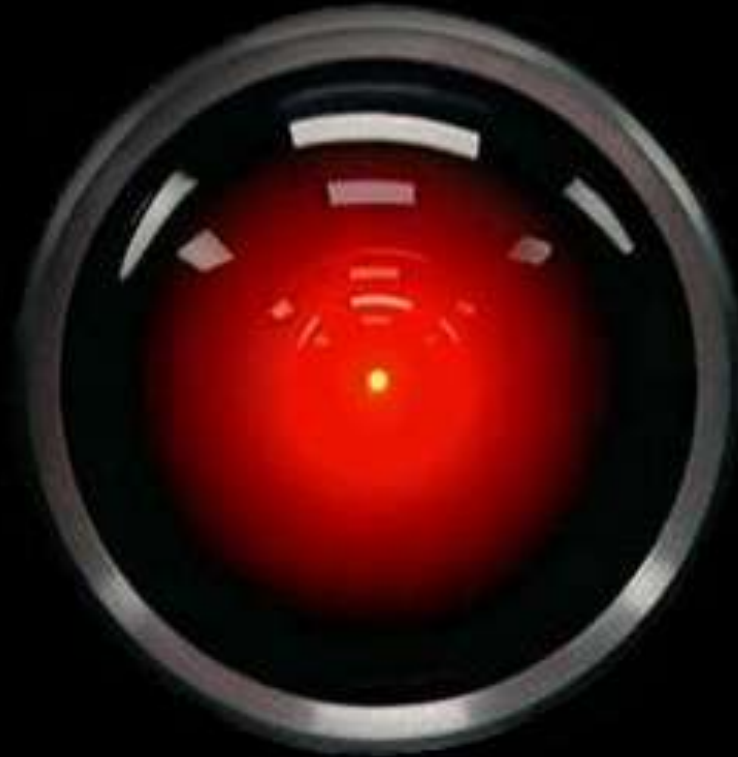


1985

AI

Unveiling the
Human
Fascination with
AI and Robots

Hi, I'm Serge_



ALSAT

29 novembre 2024

Digital
Learning
Hub_

The Digital Learning Hub

16.05.2022 Launch	20 Staff members	7000 Course registrations	800 Courses held
3500 Course hours	15 Course rooms	243 Courses available	120 External coaches

Job Vacancies in IT -
42% of job vacancies are
in IT



Digital Learning Hub



Trainings

AR & VR

Blockchain

Coding

Cybersecurity

Data & AI

Design Thinking

Governance

IT Administration &
Cloud

Angular

GitOPs

Python

MySQL

PHP

DevOps

Wordpress

Database

REST API

Java

Mobile Applications

React

JavaScript

TypeScript

42 | LUXEMBOURG


42LUXEMBOURG.LU

Music: Microchip by
Viacheslav Sarancha

Digital
Learning
Hub_



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

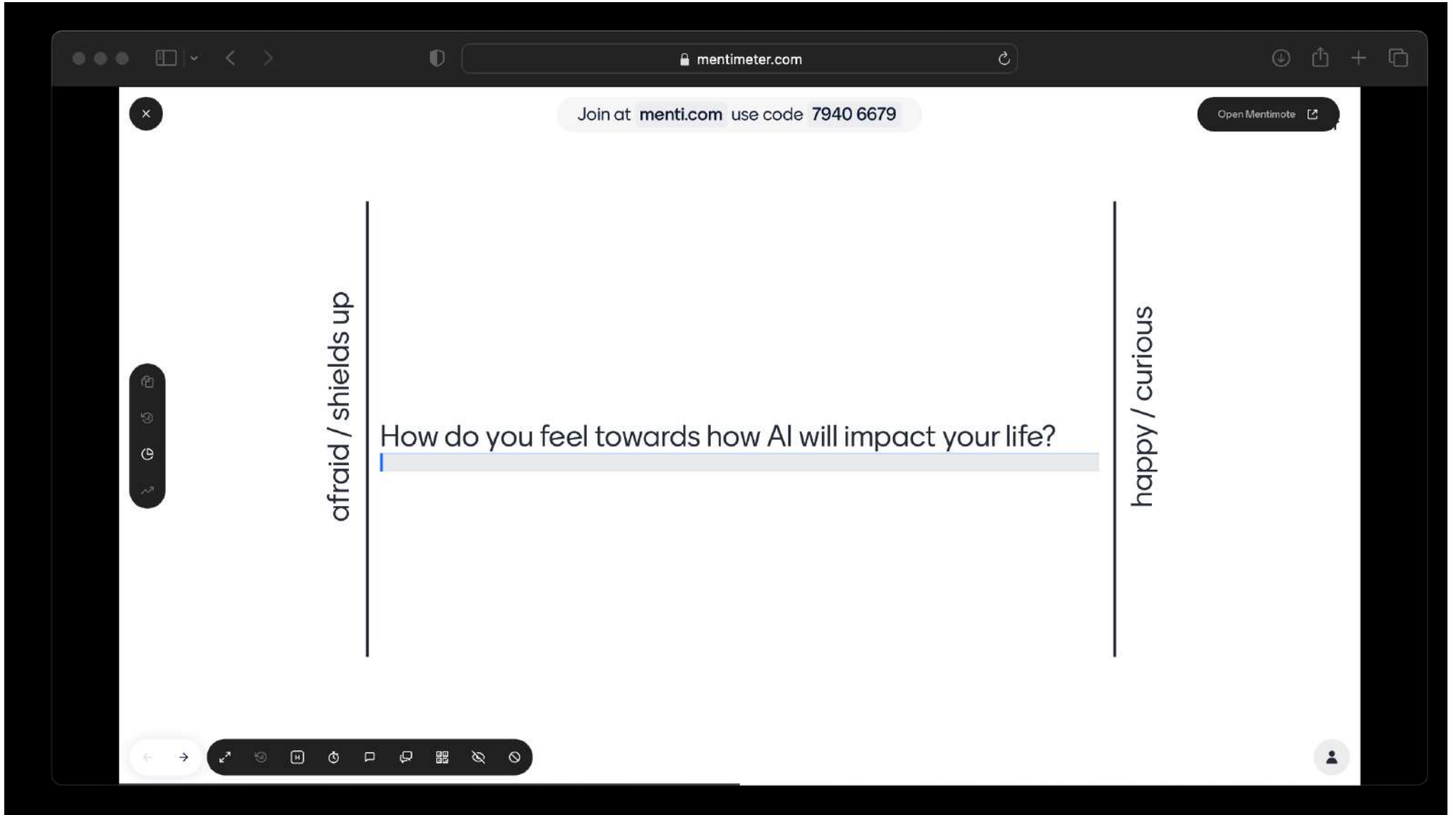
A man with a beard and short hair, wearing a black and white striped t-shirt, is shown in a thinking pose with his hand on his chin. He is looking upwards and to the right. The background is black. Two thought bubbles are connected to him by lines of three dots each. The left bubble is blue and contains the text 'AI will solve all problems, e.g., climate, food...'. Below it is a blue angel emoji. The right bubble is also blue and contains the text 'AI will destroy humanity'. Below it is a blue devil emoji.

AI will solve
all problems,
e.g., climate,
food...



AI will destroy
humanity





Join at menti.com use code 7940 6679

Open Mentimeter

afraid / shields up

How do you feel towards how AI will impact your life?

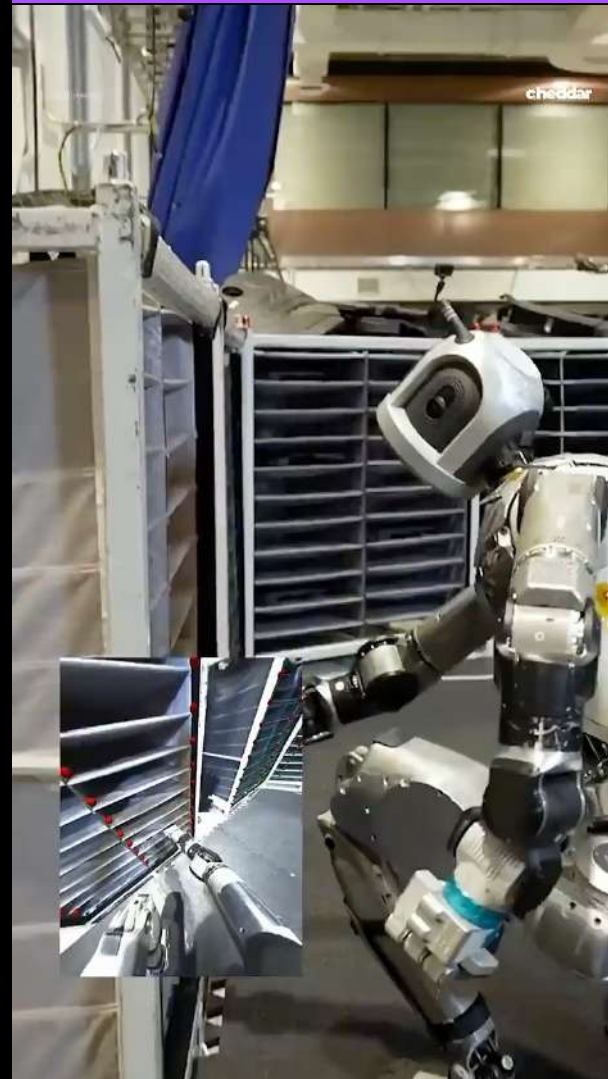
happy / curious



Telsa "Optimus Gen 3"



Boston Dynamics "Atlas"



EX Factory (China)







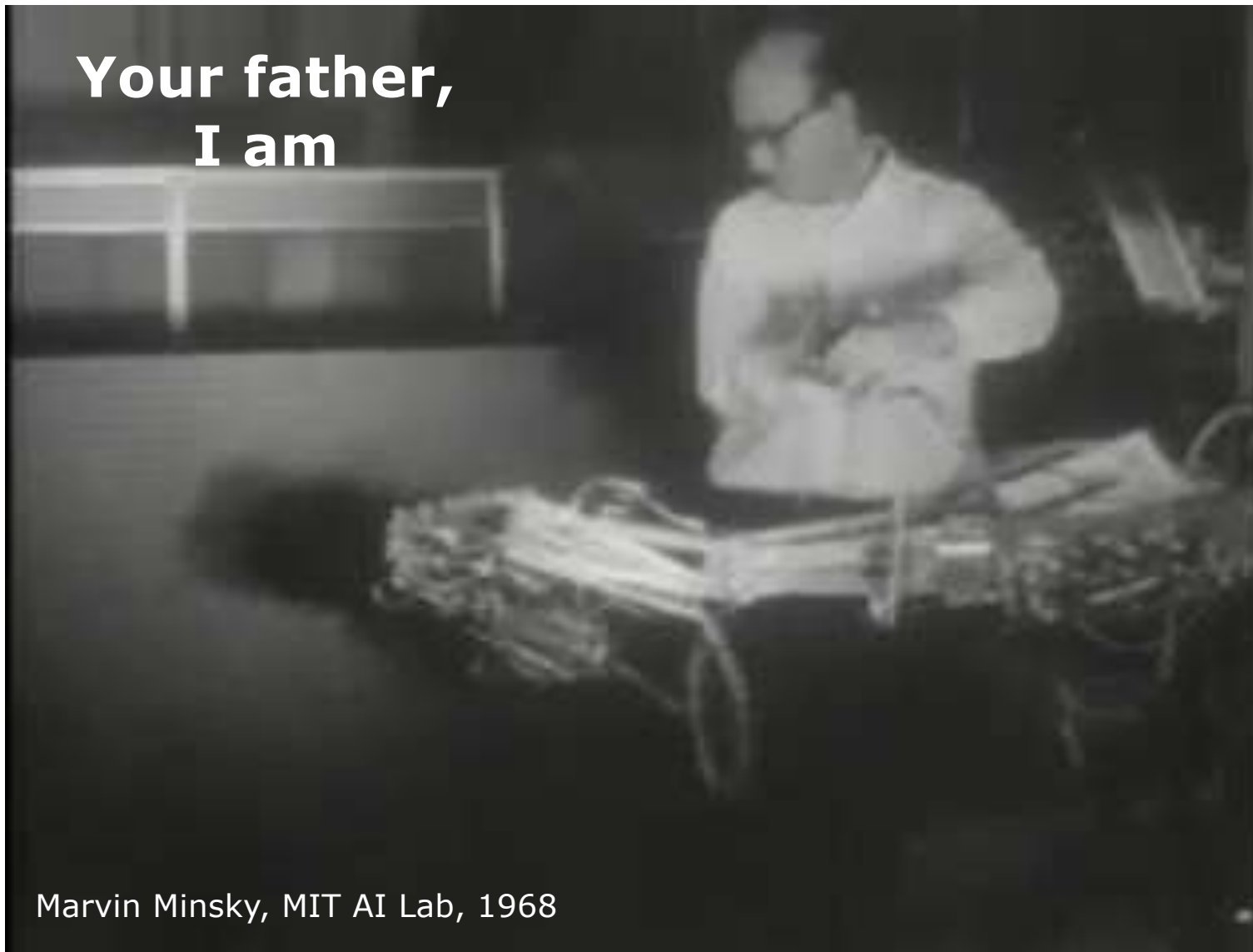






Metropolis (1927), Fritz Lang (director)

**Your father,
I am**



Marvin Minsky, MIT AI Lab, 1968



Marvin Minsky

9 August 1927 – 24 January 2016

Coined the expression
"artificial intelligence"

Turing Award in 1969



<https://www.youtube.com/watch?v=R24IMWo0r-I>

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Original art on awesome stuff. [Download the Redbubble App](#)

Large Stop Sign to Troll Self-Driving Cars Essential T-Shirt

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€20.48

€17.41 when you buy any 3+

Style [Explore more styles](#)

Essential T-Shirt
Everyday tee, crew neck, slim fit

Color Black




today.rtl.lu

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Waymo robotaxi service opens to all in San Francisco

AFP | Update: 02.07.2024 00:01




euronews.com

Latest Europe World EU Policy Business More Log In Live

Next > Mobility

Meet 'Pibot,' the humanoid robot that can safely pilot an airplane better than a human



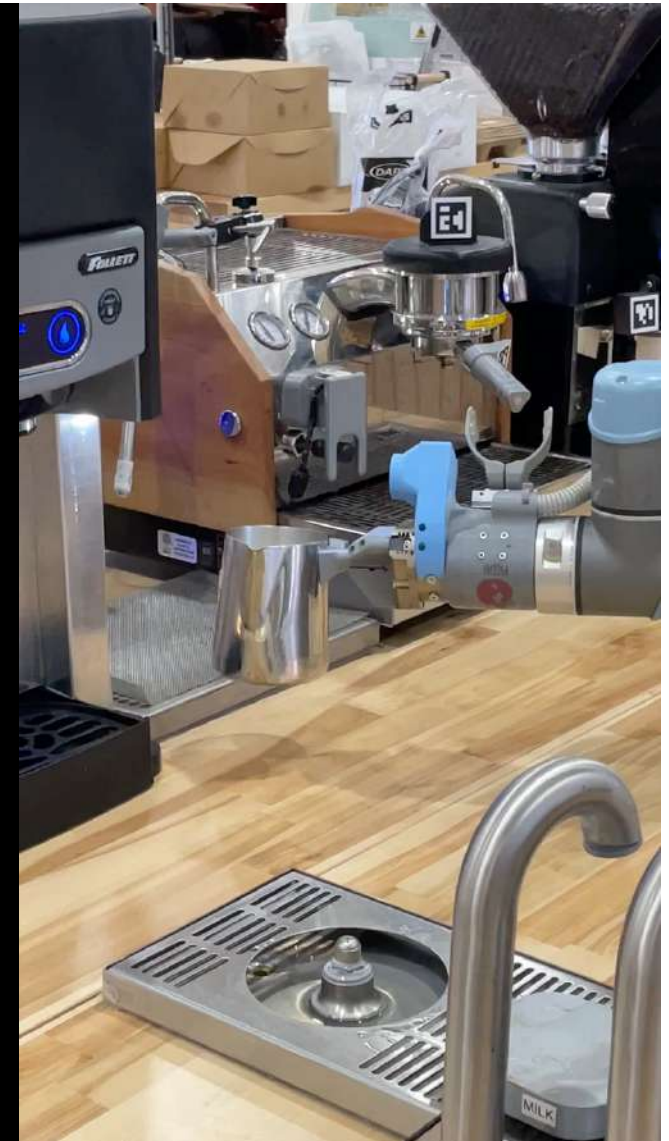
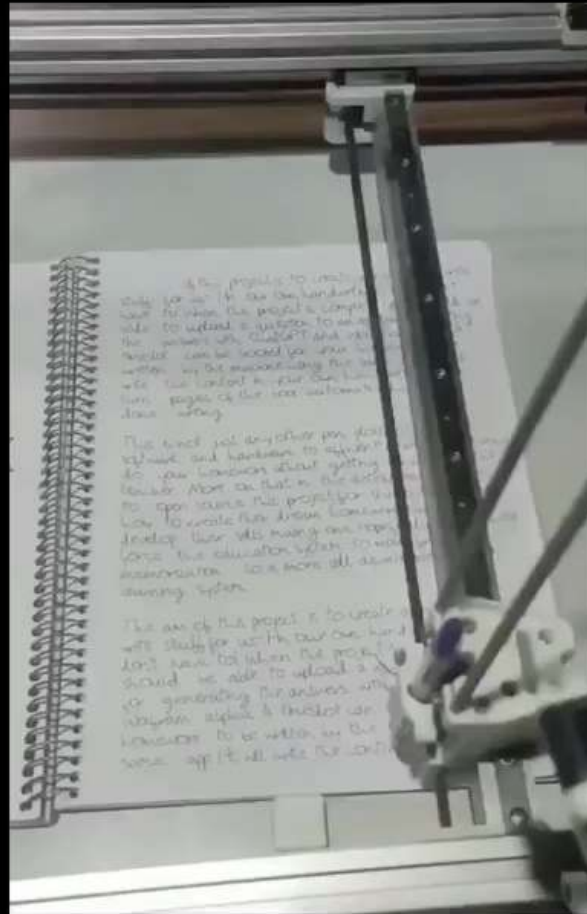
Copyright KAIST

By Rosalyne Min

Published on 15/08/2023 - 15:01 GMT+2 • Updated 16/08/2023 - 10:05 GMT+2

Teachers: "We only accept handwritten work now because of AI"

Students:

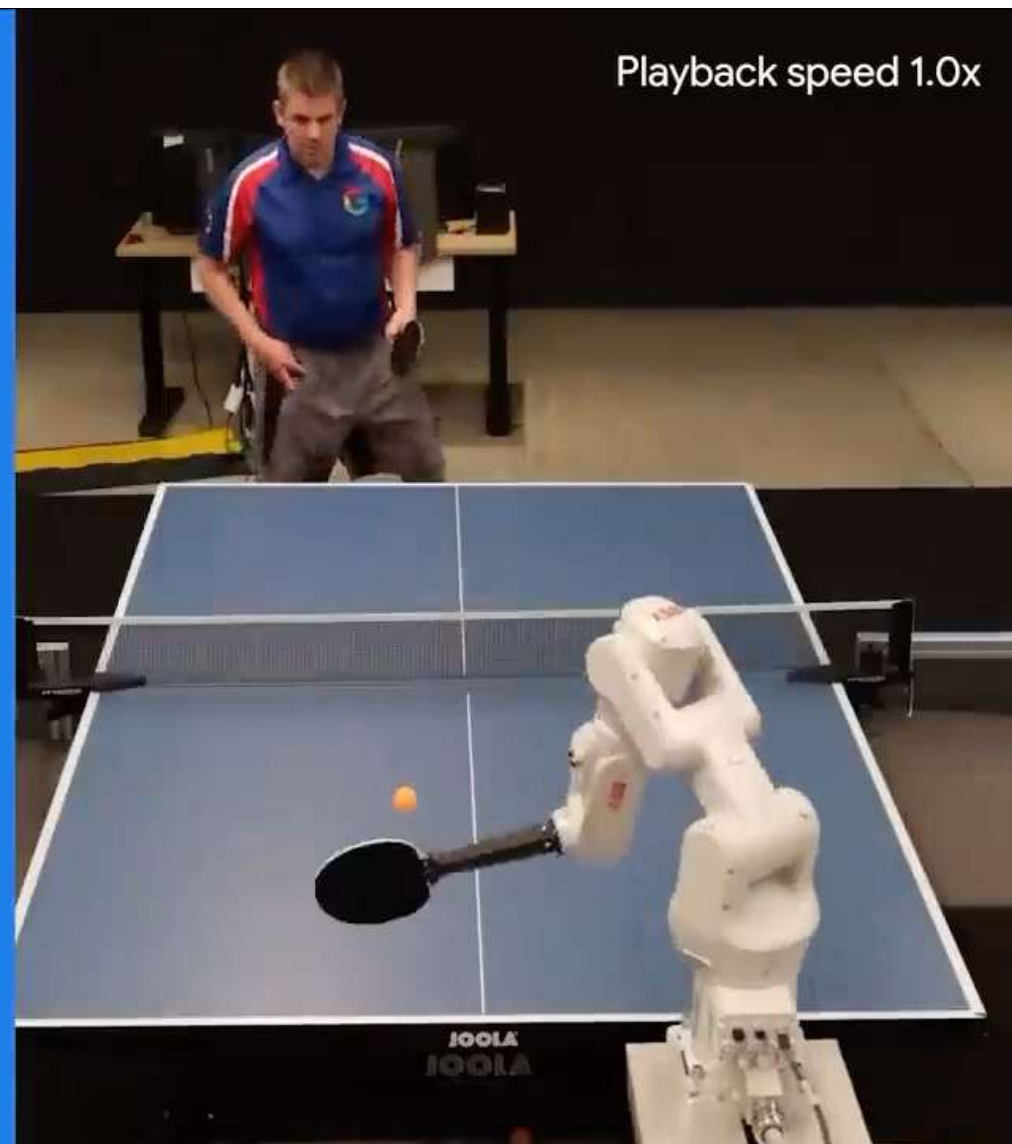


Play random,
hit 5 balls in a row



DeepMind

Playback speed 1.0x



en.wikipedia.org

WIKIPEDIA The Free Encyclopedia

Search Wikipedia

Sophia (robot)

45 languages

Contents hide

(Top)

- History
- Software
- Appearances and interviews
- Citizenship quandary
- Criticism
- In popular culture
- See also
- References
 - Works cited
- Further reading
- External links

Article Talk


From Wikipedia, the free encyclopedia

Sophia is a female social **humanoid robot** developed in 2016 by the **Hong Kong**-based company **Hanson Robotics**.^[1] Sophia was activated on February 14, 2016,^[2] and made her first public appearance in mid-March 2016 at **South by Southwest** (SXSW) in **Austin, Texas, United States**.^[3] Sophia was marketed as a "social robot" who can mimic social behavior and induce feelings of love in humans.^{[1][4]}

Sophia has been covered by media around the globe, and has participated in many high-profile interviews. In October 2017, Sophia was granted **Saudi Arabian citizenship**, becoming the first robot to receive legal personhood in any country.^[5] In November 2017, Sophia was named the **United Nations Development Programme's** first Innovation Champion, and is the first non-human to be given a **United Nations** title.^[6]

According to founder David Hanson, Sophia's **source code** is about 70% **open source**.^[7] A paper describing of one of Sophia's open-source subsystems, called "Open Arms", was submitted to 36th Conference on Neural Information Processing Systems (**NeurIPS 2022**).^[8]

Sophia



Sophia in 2018

Manufacturer	Hanson Robotics
Inventor	David Hanson
Year of creation	2016
Type	Humanoid
Purpose	Technology demonstrator

Appearance hide

Text

Small

Standard

Large

Width

Standard

Wide

Color (beta)

Automatic

Light

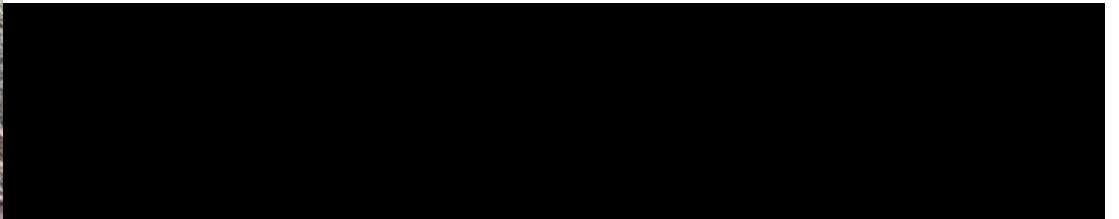
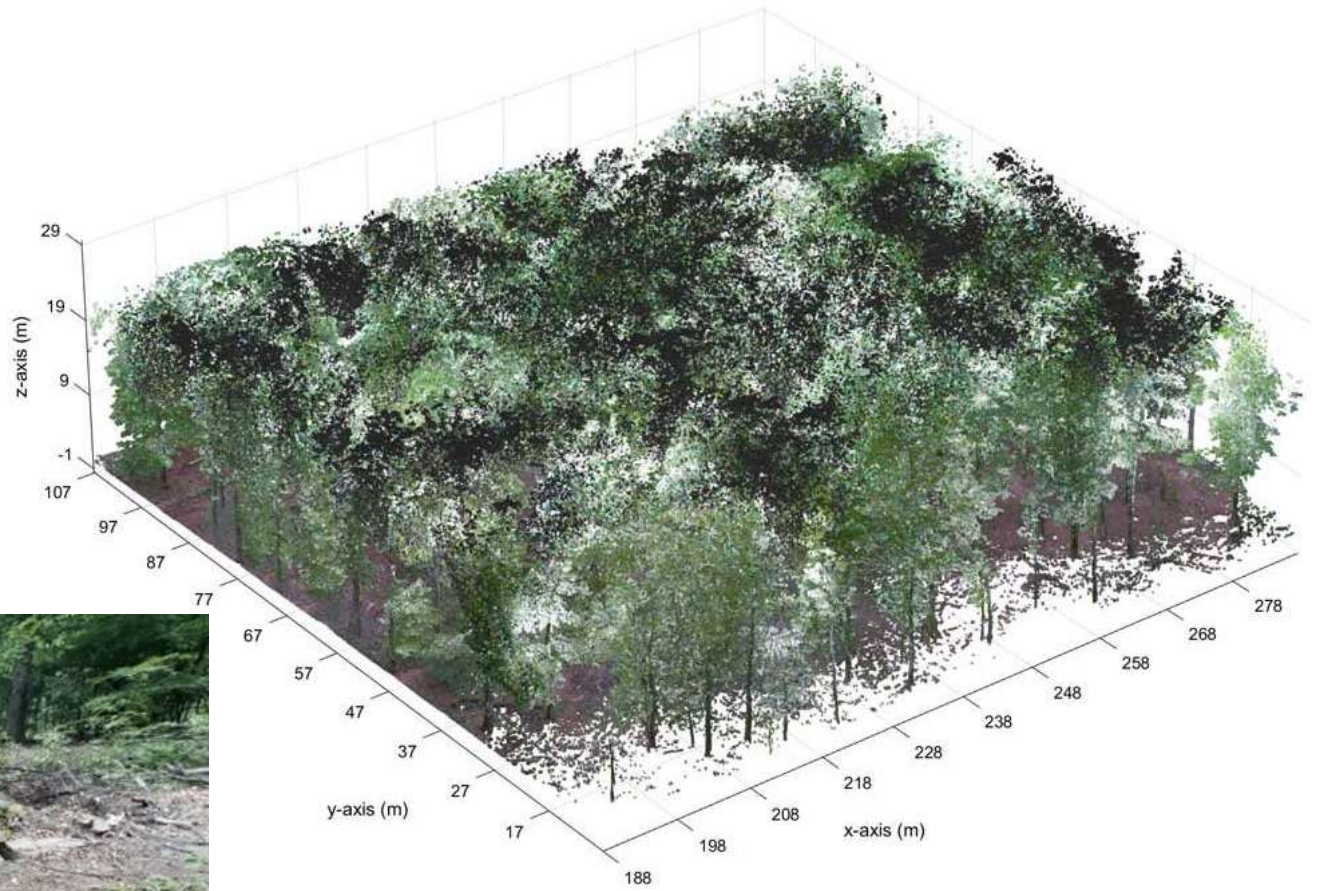
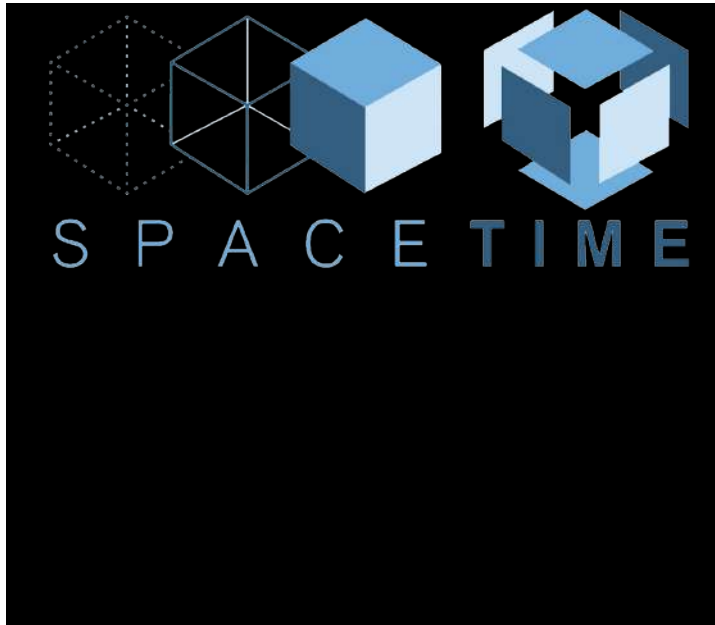
Dark



[https://en.wikipedia.org/wiki/Sophia_\(robot\)](https://en.wikipedia.org/wiki/Sophia_(robot))



cheddar





<https://seapalace.nl/>



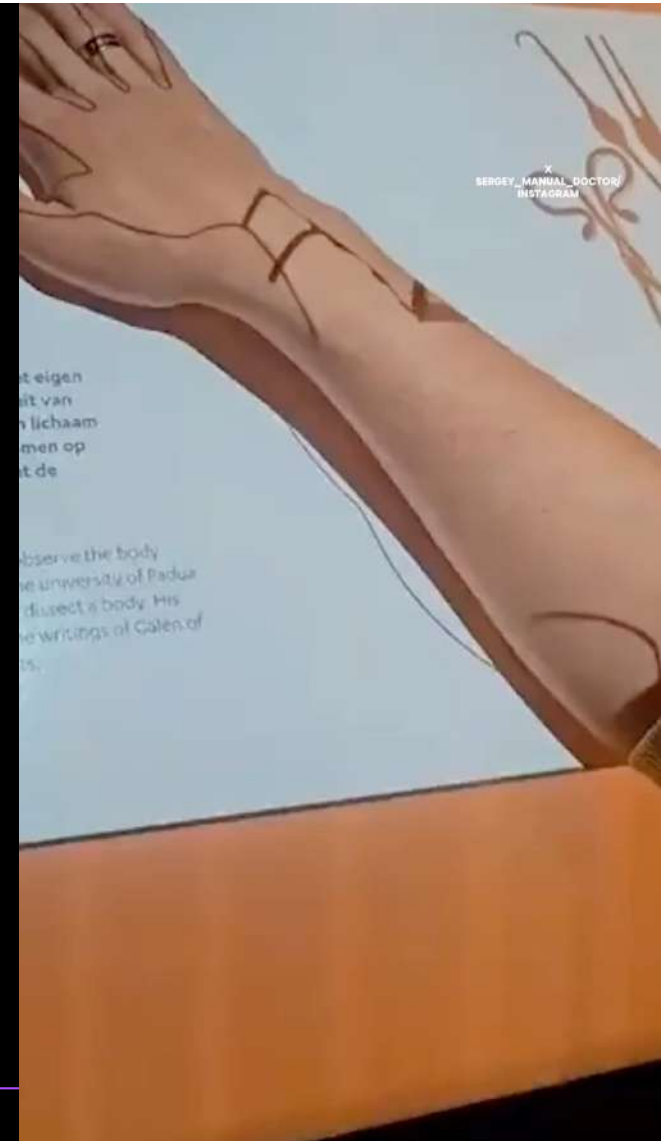


<https://umisaqiremich.myshopify.com>





<https://www.youtube.com/shorts/FVOE2NTw1DQ>



luxai.com

LuxAI

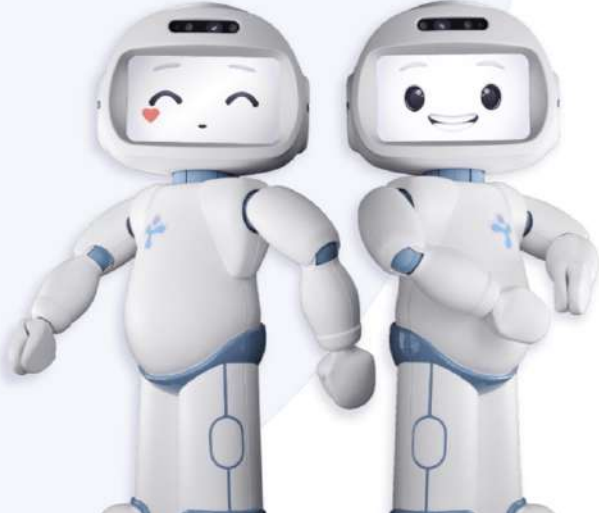
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QTROBOT

Expressive Humanoid Social Robot

QTrobot is an expressive social robot designed to support a variety of use-cases including education of children with autism and other special needs, education and human-robot interaction research and teaching.

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Beyond Boundaries: LuxAI's Quest to Transform Special Needs Care - Silicon Luxembourg

silicon

Beyond Boundaries: LuxAI's Quest to Transform Special Needs Care

John Pettit, PhD April 24, 2023



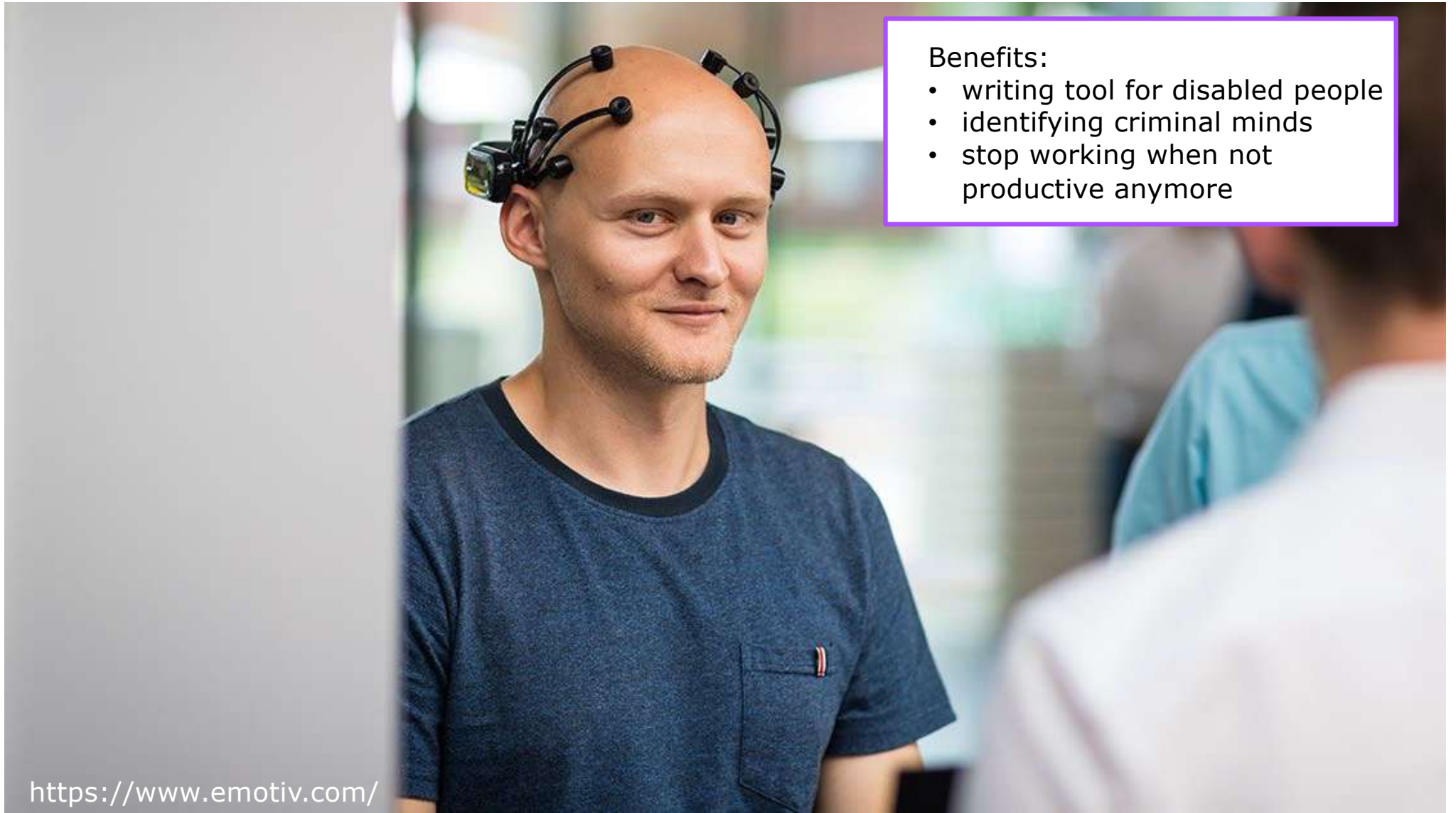
QTrobot was invited to Luxembourg Tech School (LTS) for a session with their ASD students (Photo © LuxAI)

LuxAI has centered its mission around making healthcare more accessible to autistic children and children with developmental disorders. The QTrobot, an AI-powered social robot, is at the forefront of the company's efforts to revolutionize early childhood intervention.



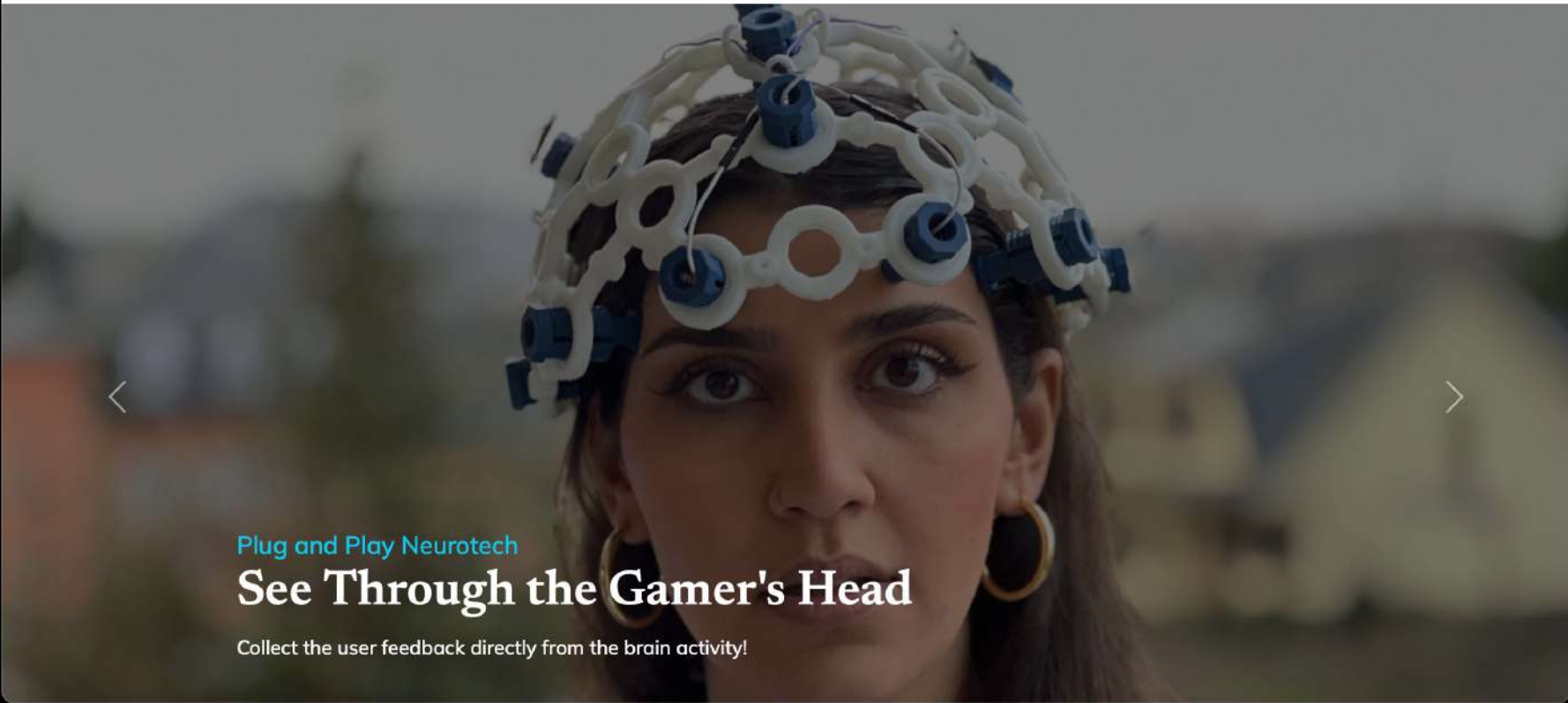
Hugh Herr, TED2018, *How we'll become cyborgs and extend human potential*





Benefits:

- writing tool for disabled people
- identifying criminal minds
- stop working when not productive anymore



Plug and Play Neurotech

See Through the Gamer's Head

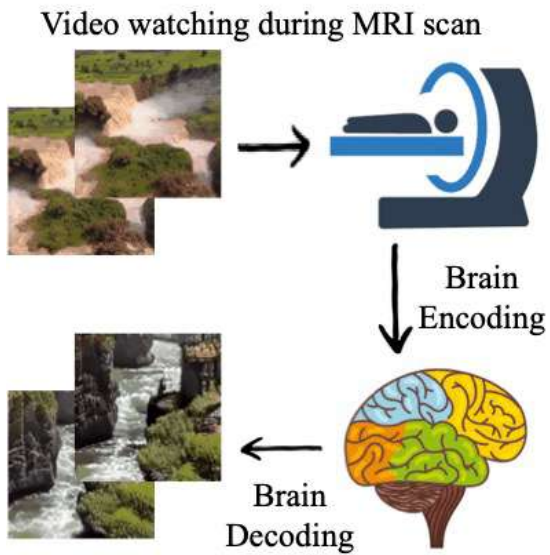
Collect the user feedback directly from the brain activity!

A man aged 76 with high paralysis used a brain-computer interface to successfully write eight characters

He can also drink water, eat, and shake hands...



Zhejiang, China



Visual Stimuli

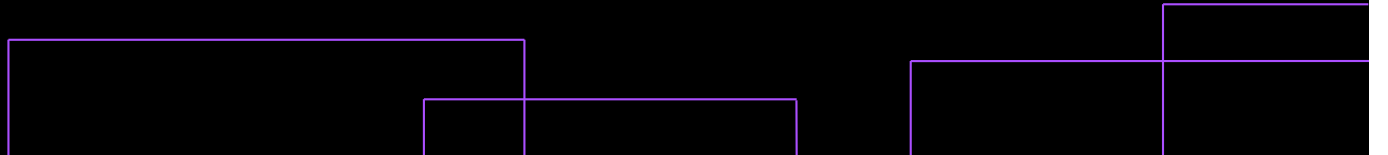


Our Reconstructed Video



<https://www.mind-video.com/>

Shift happens



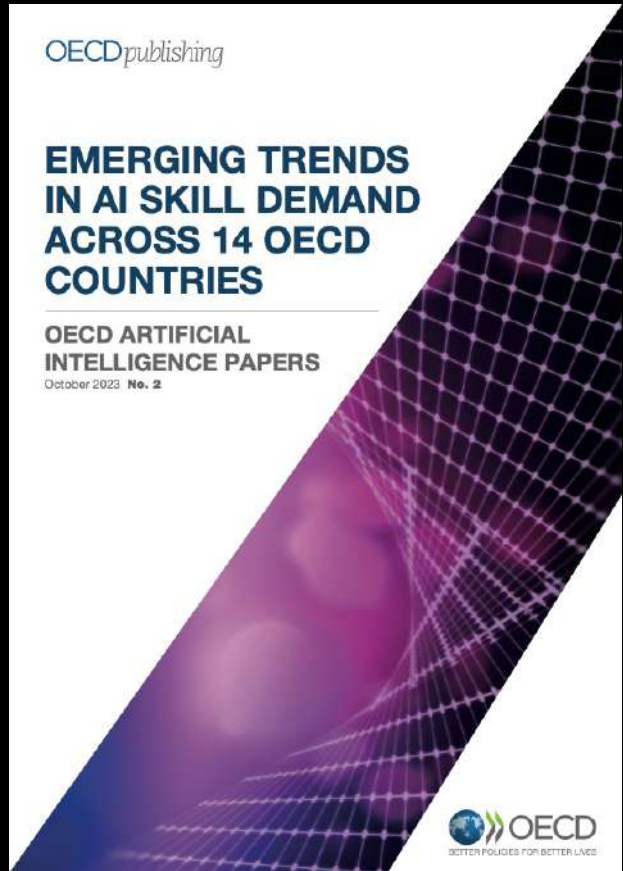


JENNIFER LOPEZ



ATLAS





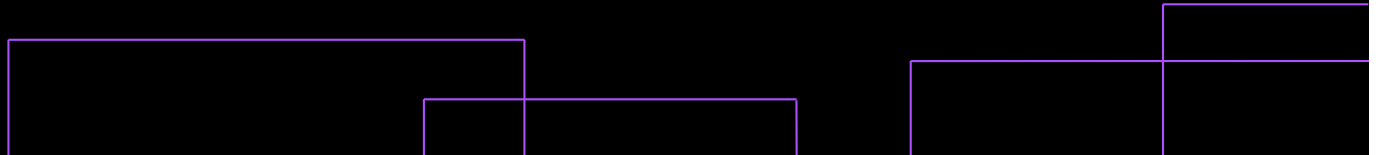


this is happening today already.



SOMATIC's Bathroom Cleaning Robot

Education?



Fake

Eliot H...
@E...

M... Trump getting arrested while waiting
est.



10:22 PM · Mar 20, 2023

38.5K Reply Share

[Read 1.8K replies](#)

The image shows a social media post with a purple diagonal banner that says "Fake". The post features a profile picture of Eliot H... and a tweet about Donald Trump being arrested. Below the text are two side-by-side images of Donald Trump being escorted by police officers. The post includes a timestamp of 10:22 PM on March 20, 2023, and engagement metrics of 38.5K likes, a reply icon, and a share icon. A button at the bottom says "Read 1.8K replies".







How China Is Using Artificial Intelligence in Classrooms | Wall Street Journal

Prompt:

Peux-tu me générer une question sur le théorème du Pythagore pour des jeunes qui ont fait 3 ans d'études secondaires ? Pourrais-tu inventer une histoire sur les pirates avec aussi un chat ?

Result:



Bien sûr ! Voici une question sur le théorème de Pythagore pour des jeunes qui ont fait 3 ans d'études secondaires :

Question :

Une échelle de 5 mètres de long est appuyée contre un mur vertical. La base de l'échelle est située à 3 mètres du mur. Quelle est la hauteur du mur ?

Maintenant, voici une histoire amusante sur les pirates avec un chat :

Il était une fois une bande de pirates intrépides qui naviguaient sur les mers à la recherche de trésors cachés. À bord de leur fidèle navire, ils avaient un chat nommé Capitaine Ronron, qui était leur mascotte bien-aimée.

Un jour, les pirates débarquèrent sur une île mystérieuse où la légende racontait qu'un trésor incroyable était enfoui. Ils s'aventurèrent dans une dense forêt tropicale en suivant une vieille carte au trésor. Cependant, pour atteindre l'emplacement exact du trésor, ils devaient passer par une rivière large et tumultueuse.

Prompt:

Can you generate a question where the students need to use gerund and infinitive?

Result:



Of course! Here's a question that requires the use of both gerunds and infinitives:



"Would you mind (help) me (study) for the upcoming exam? I could really use (get) some extra support."



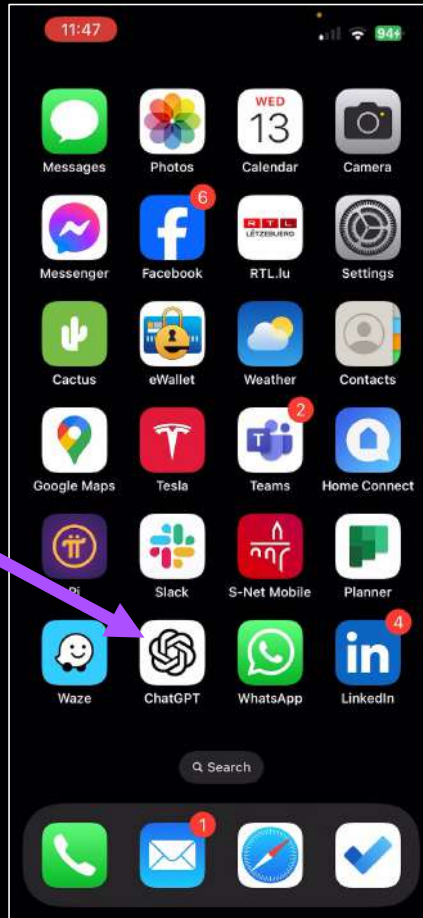
What is the correct answer?



The correct answer would use gerunds and infinitives appropriately to complete the sentence:



"Would you mind helping me study for the upcoming exam? I could really use getting some extra support."



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Photograph your local culture, help Wikipedia and win!

Ischial tuberosity

3 languages

Article Talk

Read Edit View history Tools

From Wikipedia, the free encyclopedia


The **ischial tuberosity** (or **tuberosity of the ischium**, **tuber ischiadicum**), also known colloquially as the **sit bones** or **sitz bones**,^[1] or as a pair the **sitting bones**,^[2] is a large posterior bony protuberance on the superior ramus of the ischium. It marks the lateral boundary of the pelvic outlet.

When sitting, the weight is frequently placed upon the ischial tuberosity.^[3] The **gluteus maximus** provides cover in the upright posture, but leaves it free in the seated position.^[4] The distance between a cyclist's ischial tuberosities is one of the factors in the choice of a bicycle saddle.

Divisions [edit]

The tuberosity is divided into two portions: a lower, rough, somewhat triangular part, and an upper, smooth, quadrilateral portion.

- The *lower portion* is subdivided by a prominent longitudinal ridge, passing from base to apex, into two parts:
 - The outer gives attachment to the **adductor magnus**
 - The inner to the **sacrotuberous ligament**
- The *upper portion* is subdivided into two areas by an oblique ridge, which runs downward and outward:
 - From the upper and outer area the **semimembranosus** arises



Ischial tuberosity

Labels in diagram: Spine of ischium, Greater trochanter, Zone articulating lesser trochanter, Capsule of hip-joint (distended). Posterior aspect. (ischial tuberosity visible at bottom left.)

Details

Identifiers

Latin *tuber ischiadicum, tuberositas ischiadica*



You

How can I pronounce "ischadicum"



ChatGPT

The word "ischadicum" is pronounced as follows:

is-kee-AD-ih-kum

Here's a breakdown of the pronunciation:

- "is" sounds like "iss" but with a short "i" sound.
- "chi" sounds like "key."
- "ad" sounds like "ad" in "adventure."
- "icum" sounds like "ih-kum," with the stress on the second syllable.

So, when you put it all together, it's "is-kee-AD-ih-kum."



Wie nennst du das Teil auf das ich zeige im Bild?



Das Teil, auf das Sie zeigen, wird als **Fallenriegel** oder einfach **Falle** bezeichnet. Es ist ein bewegliches Teil im Schlossmechanismus, das durch das Drücken der Türklinke zurückgezogen wird, um die Tür zu öffnen. Es hält die Tür geschlossen, wenn sie ins Schloss fällt.



1



Peux-tu m'expliquer le logarithme népérien en langage simple?



Bien sûr ! Le logarithme népérien, également appelé logarithme naturel, est une opération mathématique utilisée pour mesurer l'échelle des nombres. Plus précisément, le logarithme népérien d'un nombre positif x (noté $\ln(x)$) représente l'exposant auquel la constante mathématique "e" (environ égal à 2,71828) doit être élevée pour obtenir ce nombre x . En d'autres termes, le logarithme népérien nous dit à quel point il faut "grimper" sur l'échelle exponentielle pour atteindre un certain nombre. Cela peut être utile dans de nombreux domaines tels que les sciences, l'économie et les calculs de croissance.



2



Je n'ai toujours pas compris !



D'accord, je vais essayer de l'expliquer d'une manière encore plus simple.

Imagine que tu as une balance avec deux plateaux. D'un côté, tu mets des nombres, et de l'autre côté, tu mets les logarithmes népériens correspondants à ces nombres.

Le logarithme népérien d'un nombre te dit combien de fois tu dois multiplier la constante "e" (qui est environ 2,71828) pour obtenir ce nombre. Par exemple, le logarithme népérien de 2 te dit que si tu multiplies "e" par lui-même un certain nombre de fois, tu obtiendras 2.

Cela peut sembler abstrait, mais les logarithmes népériens sont utilisés pour résoudre des problèmes mathématiques plus complexes et pour exprimer des relations exponentielles de manière plus pratique.





Prompt: Historical footage of California during the gold rush.

<https://openai.com/sora>

LinkedIn profile for Serge Linckels. The profile includes a profile picture, name, and a list of affiliations: Digital Learning Hub | MENJE | UP Foundation | ACPÉ CCPé. It also shows location (Luxembourg), 2K followers, and 500+ connections. A blue button labeled "Join to view profile" is visible at the bottom.

GovJobs public job listing for "Gestionnaire de formations ITM FR-F". The listing includes the following details:

- Lieu :** Esch-sur-Alzette
- Tâche :** Tâche complète
- Nombre de postes vacants :** 1
- Nationalité :** Être ressortissant UE
- Catégorie de métiers :** Education et Formation
- Réf. :** M00027078



Bard AI interface showing a user prompt and a generated response. The prompt asks how much Serge Linckels matches a specific job opening. The response states that Serge Linckels has a PhD in Computer Science from the University of Luxembourg and experience in data analysis and artificial intelligence, concluding that his education and experience appear to match the requirements of the job opening.

how much does the person from this website <https://www.linkedin.com/in/serge-linckels> match this job <https://govjobs.public.lu/fr/postuler/mobillite-interne/changement-administration/2023/A1/Septembre/20230927-gestionnairedeformationsitmfrf-227714.html>

Serge Linckels has a PhD in Computer Science from the University of Luxembourg, and has experience in data analysis and artificial intelligence. The job opening for a Gestionnaire de formations ITM FR-F at the Luxembourg government requires a Master's degree in Computer Science or a related field, and at least 3 years of experience in a similar role. Serge Linckels's education and experience appear to match the requirements of the job opening.



I am <https://www.linkedin.com/in/serge-linckels>. Can you write me an application letter for this position: <https://govjobs.public.lu/fr/postuler/mobilite-interne/changement-administration/2023/A1/Septembre/20230927-gestionnairedeformationsitmfrf-227714.html>

View other drafts  



Sure, here is a draft application letter for you:

Dear Hiring Manager,

I am writing to express my interest in the Gestionnaire de formations ITM FR-F position at the Luxembourg government. I have been following the work of your department for some time now, and I am very impressed with the commitment to providing high-quality training to IT professionals. I believe that my skills and experience would be a valuable asset to your team, and I am eager to contribute to the success of your department.

In my previous role at UP_FOUNDATION, I was responsible for developing and managing training programs for data analysts and artificial intelligence professionals. I have a deep understanding of the latest trends and technologies in the field, and I am skilled at designing and delivering engaging and informative training programs. I am also fluent in French and English, and have experience working in a multicultural environment.



Enter a prompt here



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please let the application letter rime

View other drafts



Dear Hiring Manager,

I'm Serge Linckels, an IT pro with flair,
Applying for the Systems/Network/IT Security Administrator chair.

With over 22 years of experience, I'm sure,
I'm the perfect candidate for this role, that's for sure.

I've designed, implemented, and maintained complex IT systems,
Managed and secured networks, and solved IT problems in teams.

I have a deep understanding of the latest technologies and trends,
And I'm always looking for ways to improve and transcend.

I'm also an excellent communicator and educator.



Enter a prompt here

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You cheat all the time!

We use technology all the time, e.g., a car to get to work and mobile phone to communicate.

Let students use technology to learn!



AP photo

Elementary school teachers picket against use of calculators in grade school
The teachers feel if students use calculators too early, they won't learn math concepts

Math teachers protest against calculator use

By JILL LAWRENCE

"My older kids don't pay any attention to an answer being absurd," he said. "Teachers are shy."

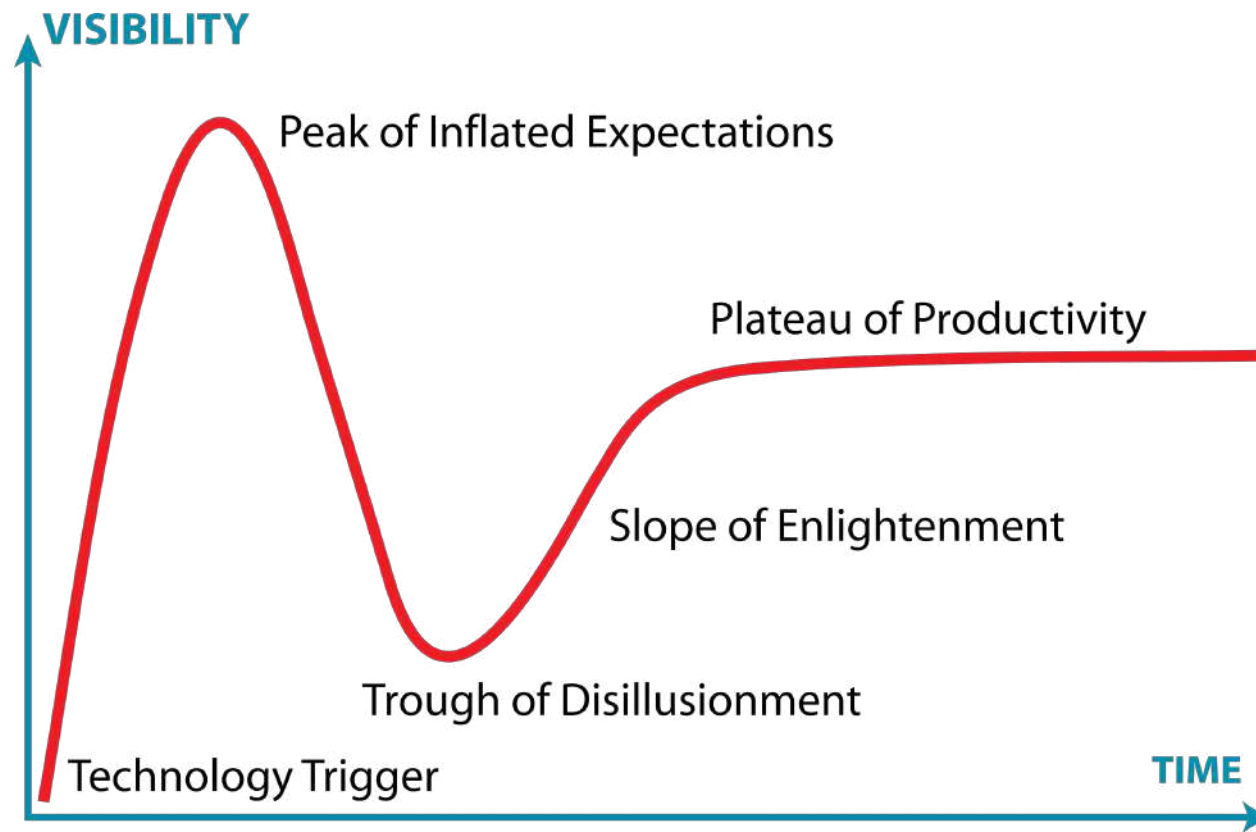
Revue
Start für die Camper
13
25. MÄRZ 1972
letzeburger illustre'ert



Mit dem Fernseher lernen

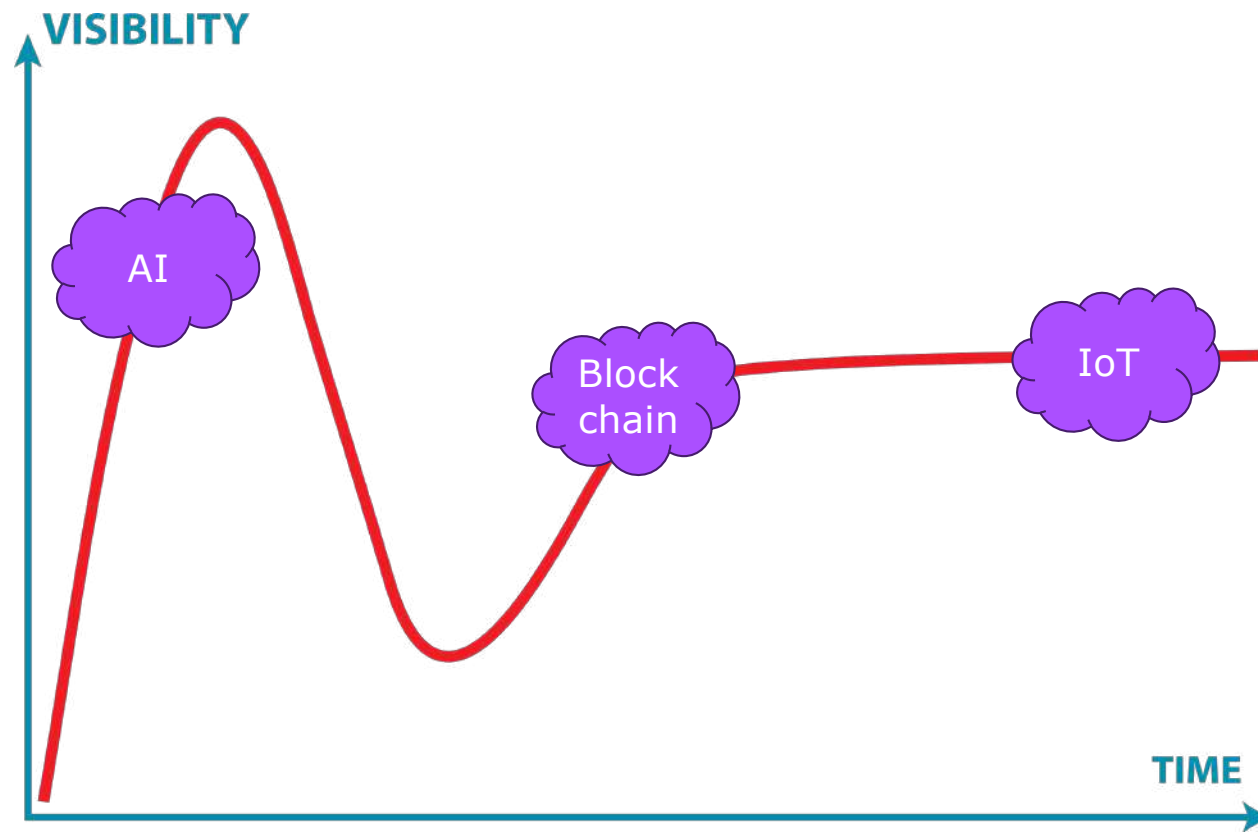
Wann kommt der Unterricht per Bildschirm in unsere Schulen?

Gartner hype cycle



Picture by Jeremy Kemp

Gartner hype cycle



Picture by Jeremy Kemp

2, 4, 6, ~~8~~, ~~10~~, ~~12~~, ~~14~~, ~~16~~, ~~18~~, 20...

(random)



Mustafa Suleyman, TED2024, *What is an AI anyway?*

The future is more than
technology

MERCI

serge.linckels@dlh.lu

Slides

