#R4DigiLearn
Are We Ready to be FUTURE READY?
Carl Hooker
Educational Consultant & Strategist
CarlHooker.com
@mrhooker

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CREDENTIALS

- Educator for 22+ years
- Head of 1:1 program with 8000 students K-12 since 2011
- Former Director of Innovation
- 6-time author
- Educational Consultant
- Future Ready Schools National Advisor
- Online Course: The Remote Learning Coach

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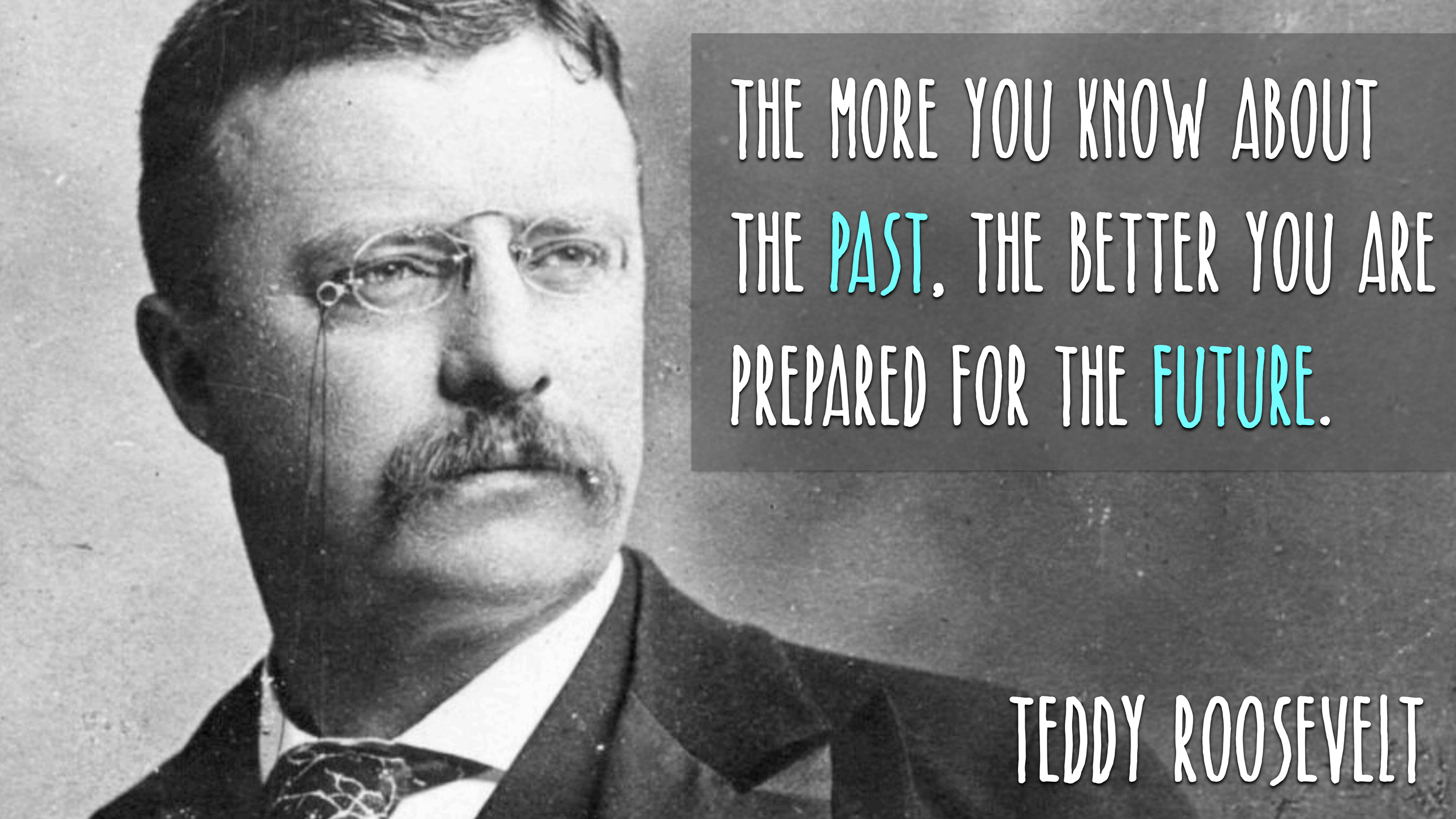
HOOKER

2027
2030
2031
HOOKER


THE MORE YOU KNOW ABOUT
THE PAST, THE BETTER YOU ARE
PREPARED FOR THE FUTURE.
TEDDY ROOSEVELT

2001 CASEY ELEMENTARY SCHOOL 2002

2001 CASEY ELEMENTARY SCHOOL 2002

CHALLENGE #1
In 2 minutes - Get with a partner or small group and list as many social media sites/ apps you can think of.
0
Patagonia

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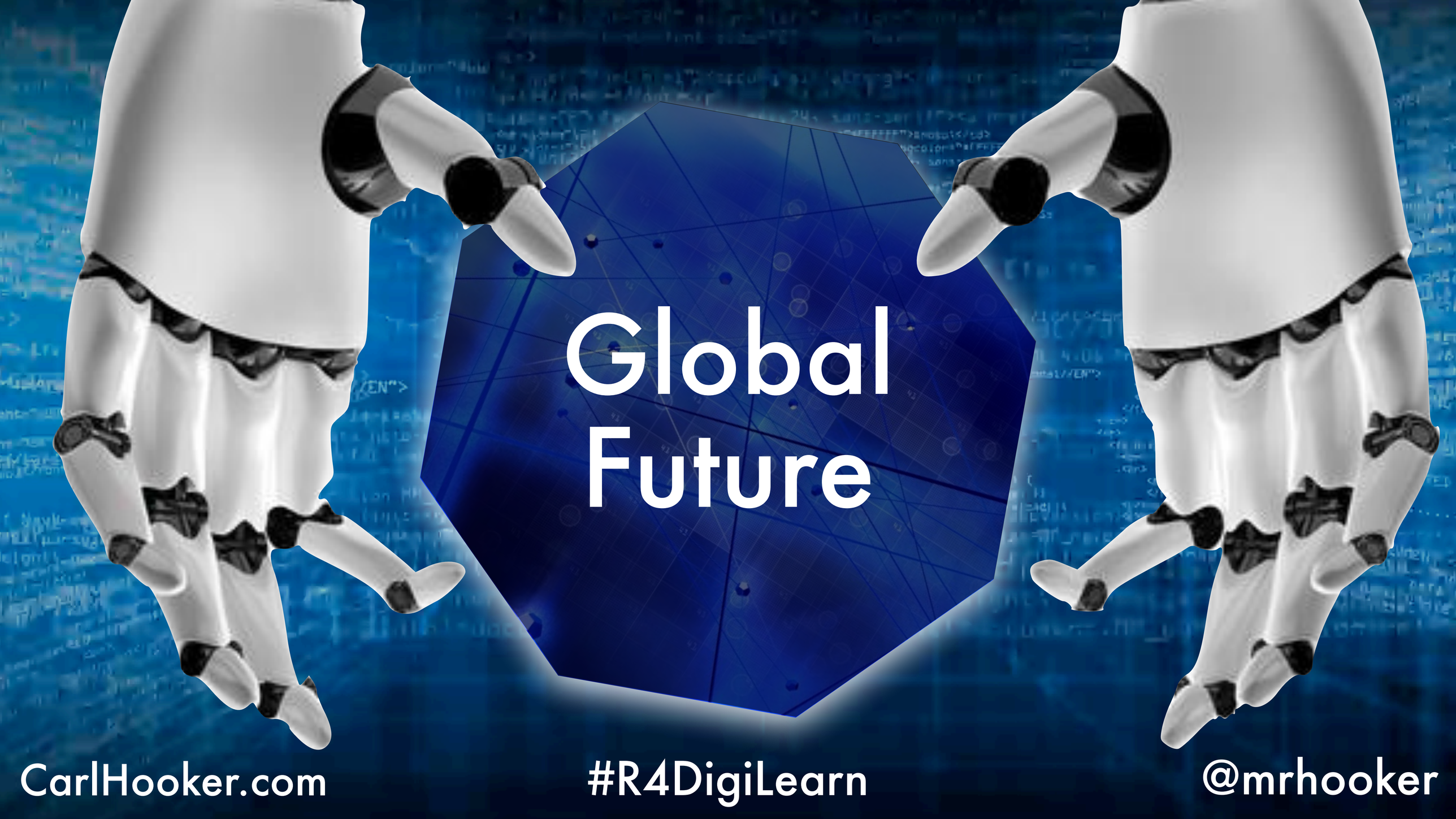
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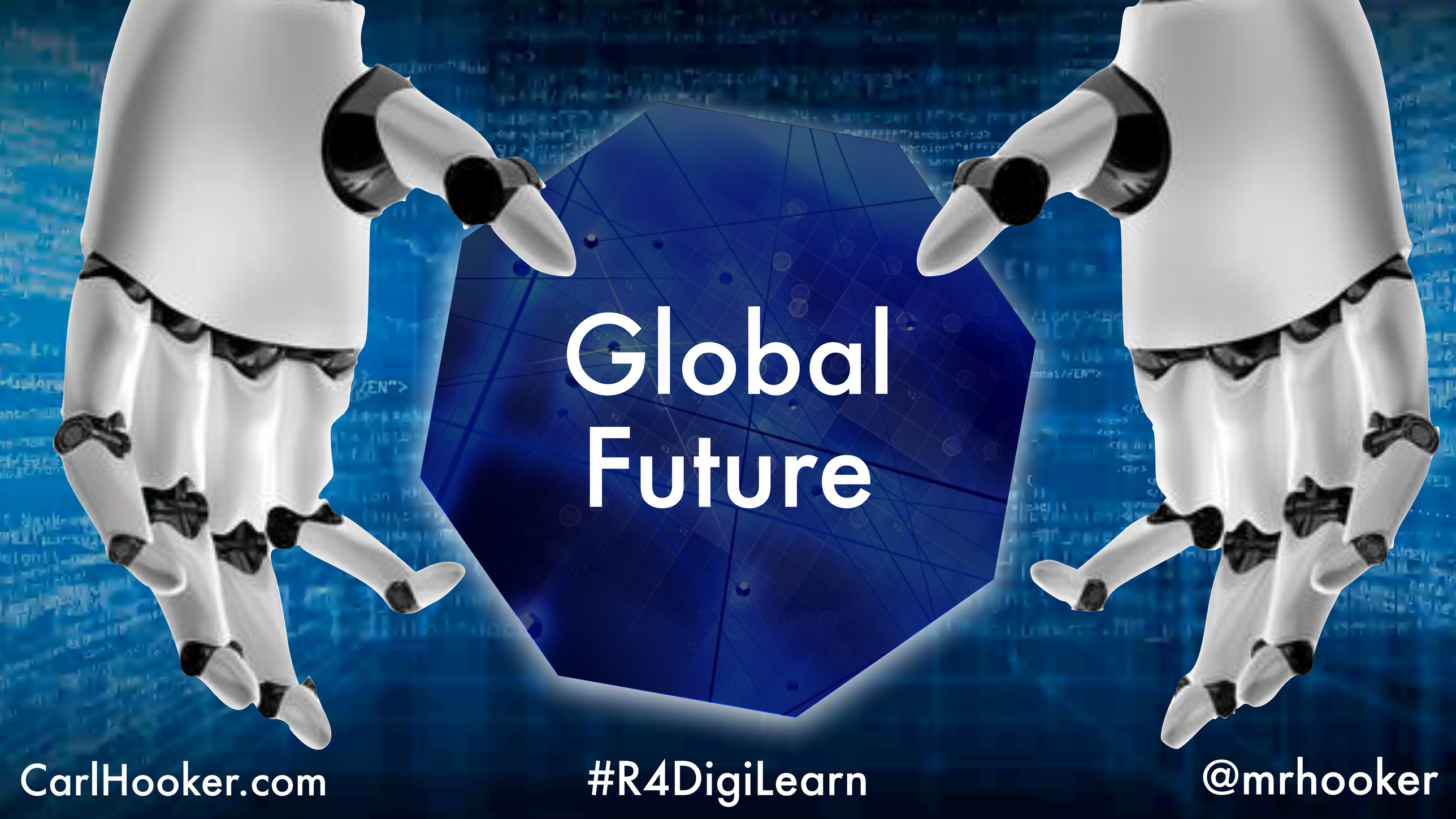
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Then and Now

Then and Now

Companies that no longer exist

Companies that no longer exist

Detroit Steel

Blockbuster

Toys R Us

General Foods

TWA

American Motors

Compaq

Woolworth's

Polaroid

Zenith's

DeLorean

Tower Records

Enron

Border's Books

Continental Airlines

Circuit City

Pan Am

MCI WorldCom

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Polaroid

Zenith's

DeLorean

Tower Records

Enron

Border's Books

Continental Airlines

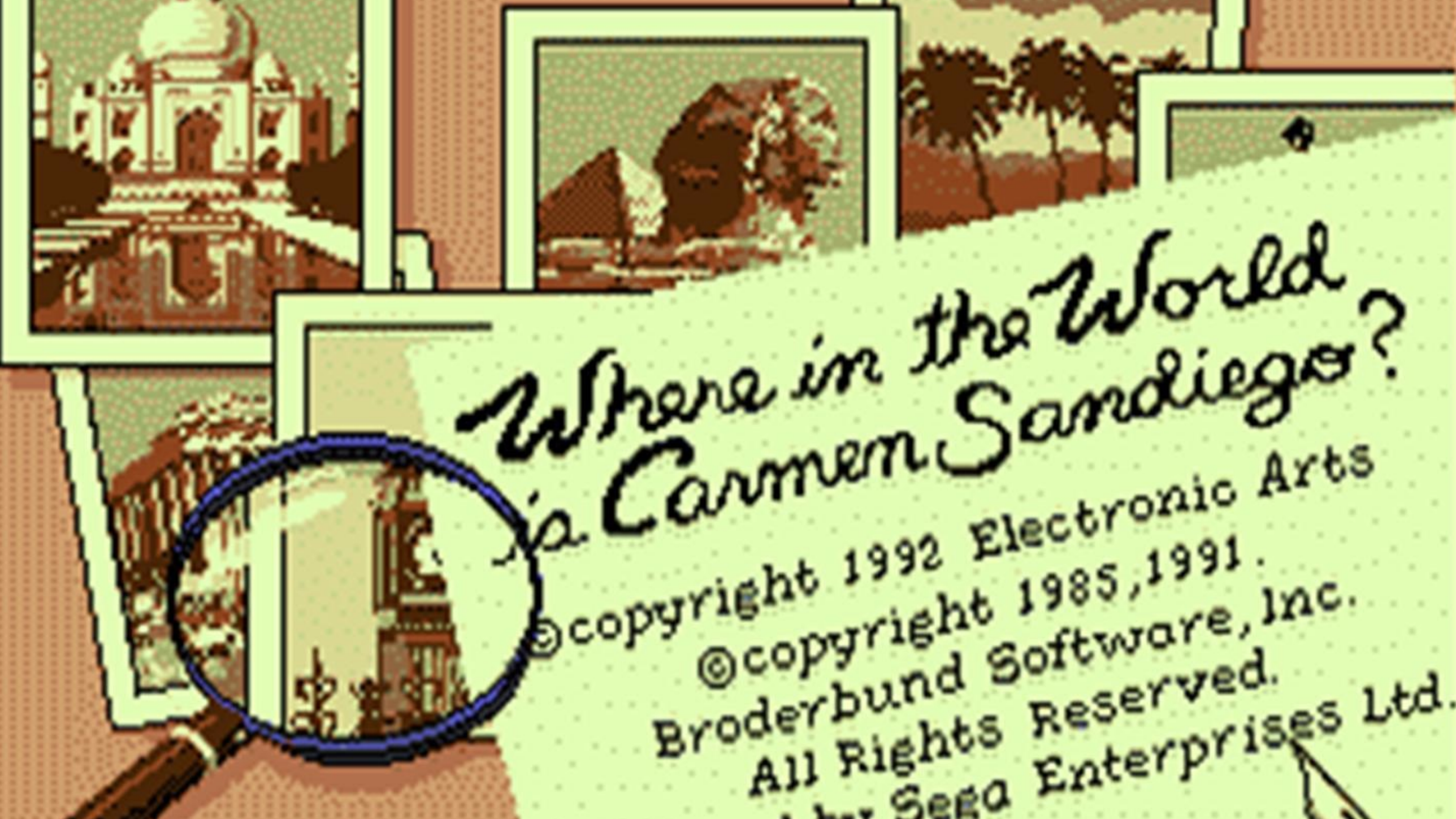
Circuit City

Pan Am

MCI WorldCom

Computer
Center

You have died of dysentery.


Where in the World is Carmen Sandiego?
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by Sega Enterprises Ltd.

Companies that
didn't exist
40 years ago

Target

Google

Microsoft

Amazon

Jet Blue

Nike

Home Depot

Dell

Costco

Companies that didn't exist 40 years ago

Starbucks

Facebook

Intel

PayPal

Qualcomm

Adobe Systems

Best Buy

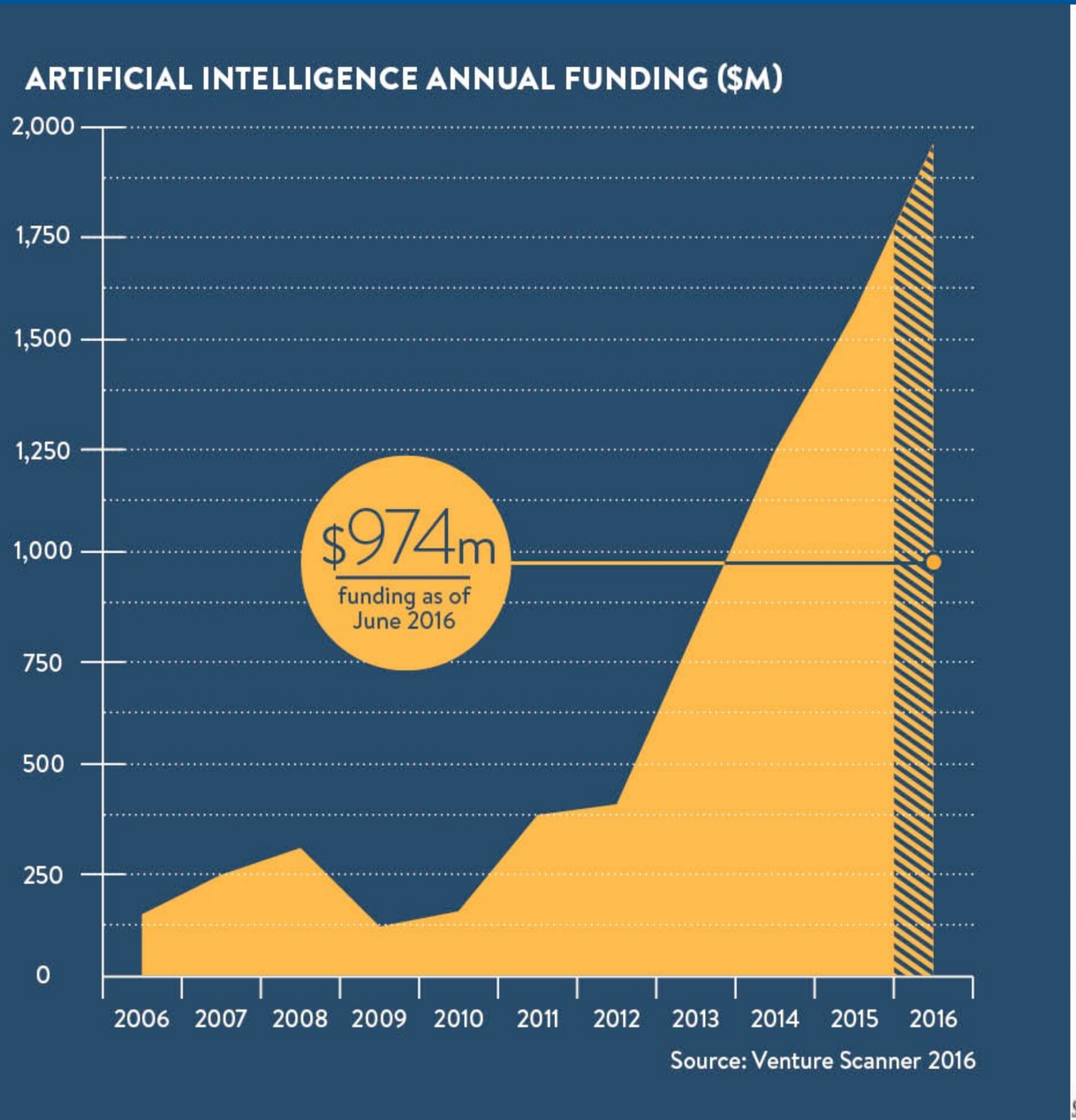
Pfizer

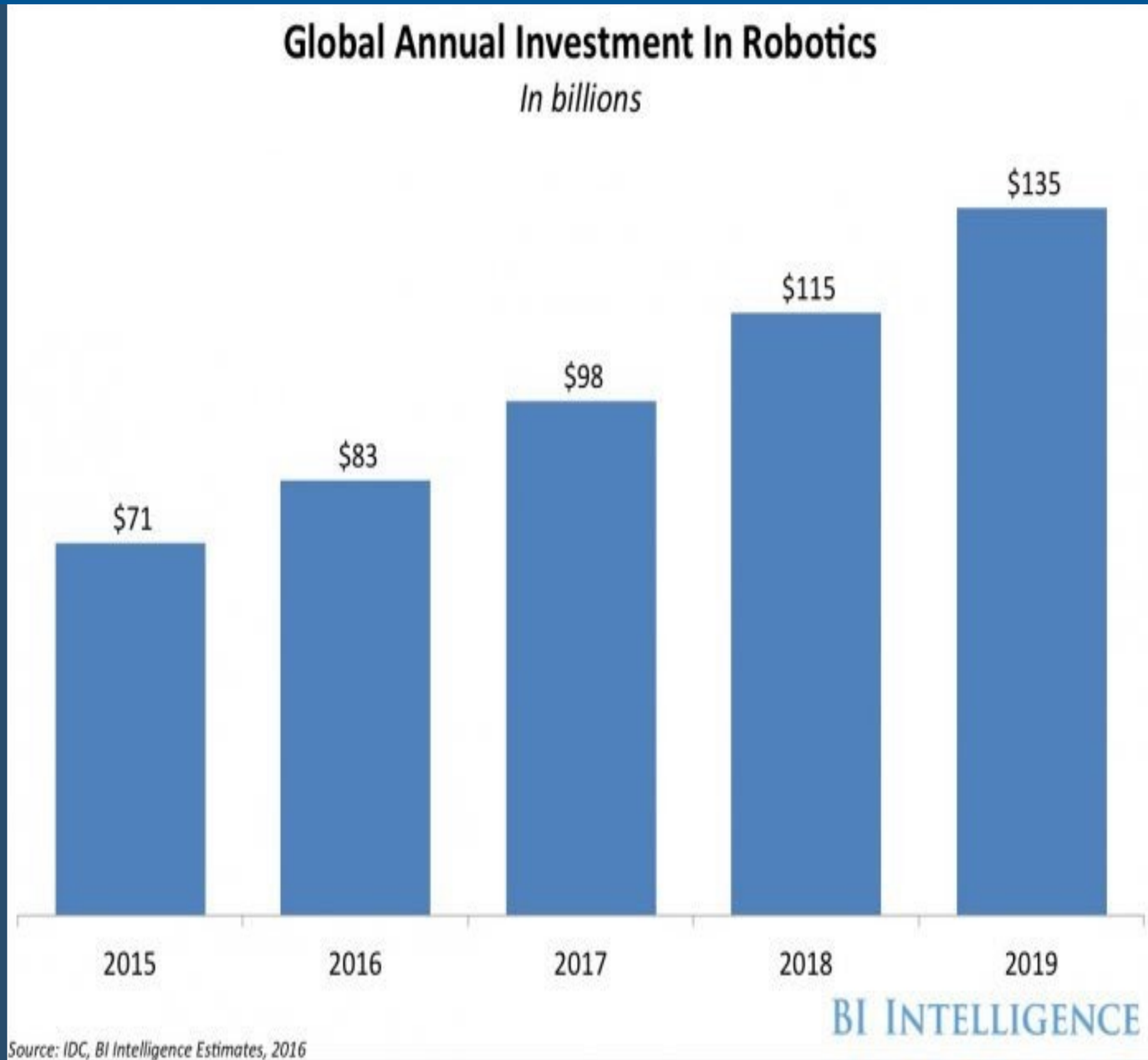
Tesla

Virgin Atlantic

Apple

Money invested in AI & Robotics



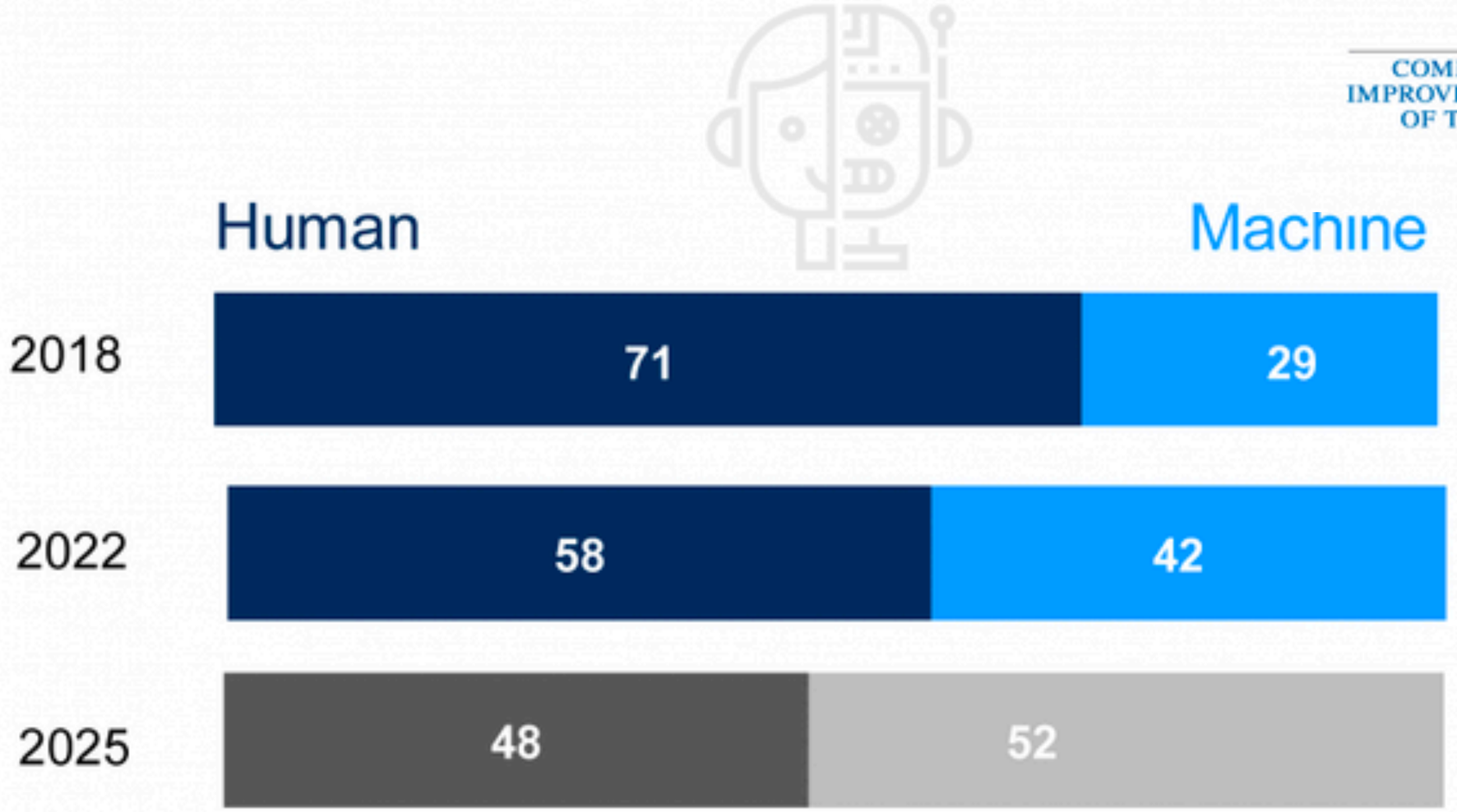


Rate of automation

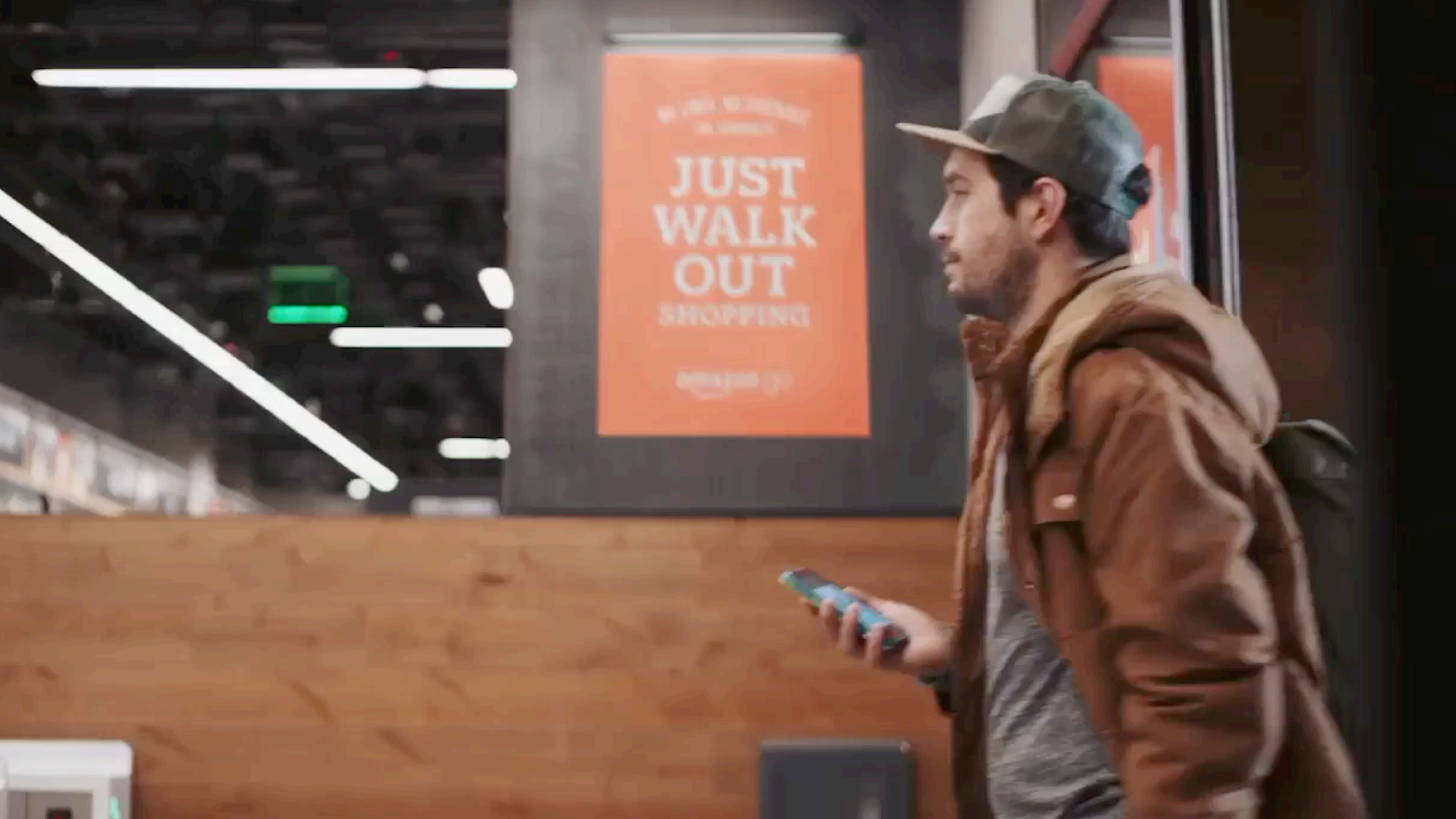
Division of labour as share of hours spent (%)

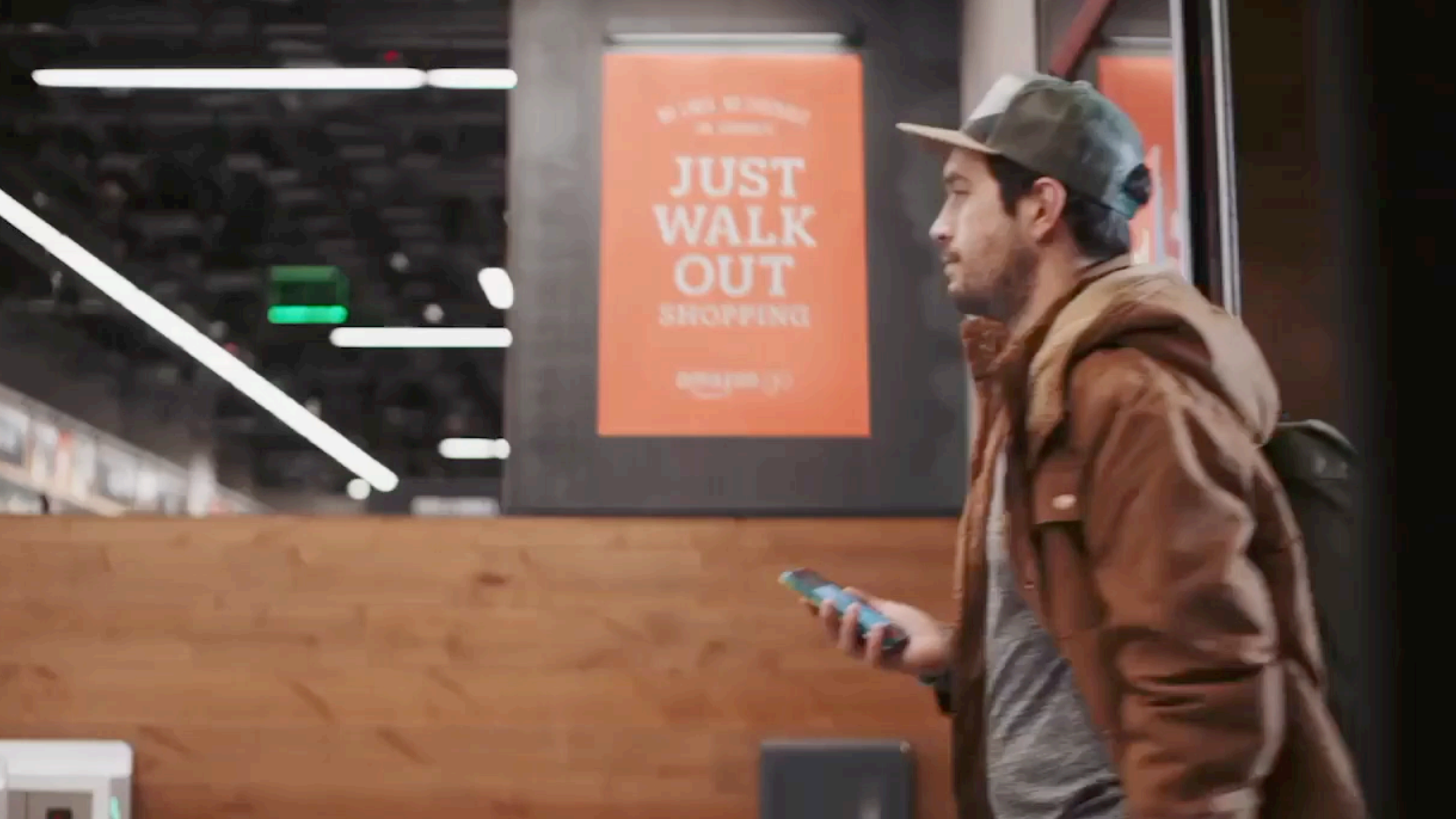
WORLD ECONOMIC FORUM

COMMITTED TO IMPROVING THE STATE OF THE WORLD



amazon go
amazon go
amazon go
Breakfast
in a flash.


JUST
WALK
OUT
SHOPPING


JUST
WALK
OUT
SHOPPING

Alexa, homeschool the children.

Please take this short poll

mrhook.it/poll

If 50% of jobs are automated in the next 30 years, what one-word skills should we be teaching our students?

If 50% of jobs are automated in the next 30 years, what 1-word skills should we be teaching our students?

Start the presentation to see live content. For screen share software, share the entire screen. Get help at **pollev.com/app**

WillRobotsTakeMyJob.com

WILL ROBOTS TAKE MY JOB?

Enter your job

or show random example

WillRobotsTakeMyJob.com

WILL ROBOTS TAKE MY JOB?

Enter your job

or show random example

Top 10 Job Skills - World Economic Forum

2015

1. Complex Problem Solving
2. Coordinating with Others
3. People Management
4. Critical Thinking
5. Negotiation
6. Quality Control
7. Service Orientation
8. Judgement & Decision Making
9. Active Listening
10. Creativity

2020

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.

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2020

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2020

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2020

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6.
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8. Service Orientation
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10.

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2015

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2. Coordinating with Others
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2020

1. Complex Problem Solving
2. Critical Thinking
3. Creativity
4. People Management
5. Coordinating with Others
6. **Emotional Intelligence**
7. Judgement & Decision Making
8. Service Orientation
9. Negotiation
10.

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Top 10 Job Skills - World Economic Forum

2015

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2. Coordinating with Others
3. People Management
4. Critical Thinking
5. Negotiation
6. Quality Control
7. Service Orientation
8. Judgement & Decision Making
9. Active Listening
10. Creativity

2020

1. Complex Problem Solving
2. Critical Thinking
3. Creativity
4. People Management
5. Coordinating with Others
6. **Emotional Intelligence**
7. Judgement & Decision Making
8. Service Orientation
9. Negotiation
10. **Cognitive Flexibility**

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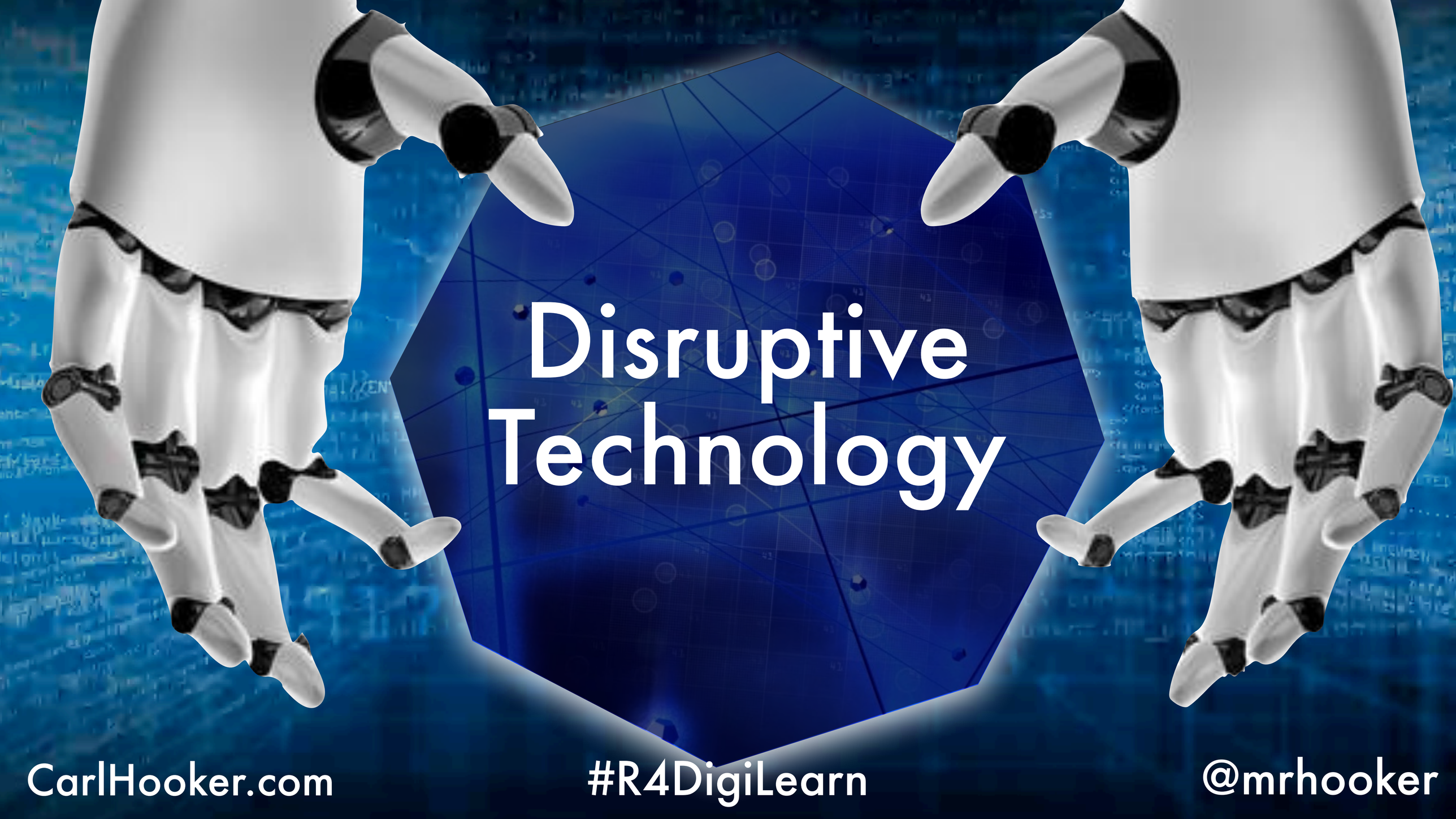

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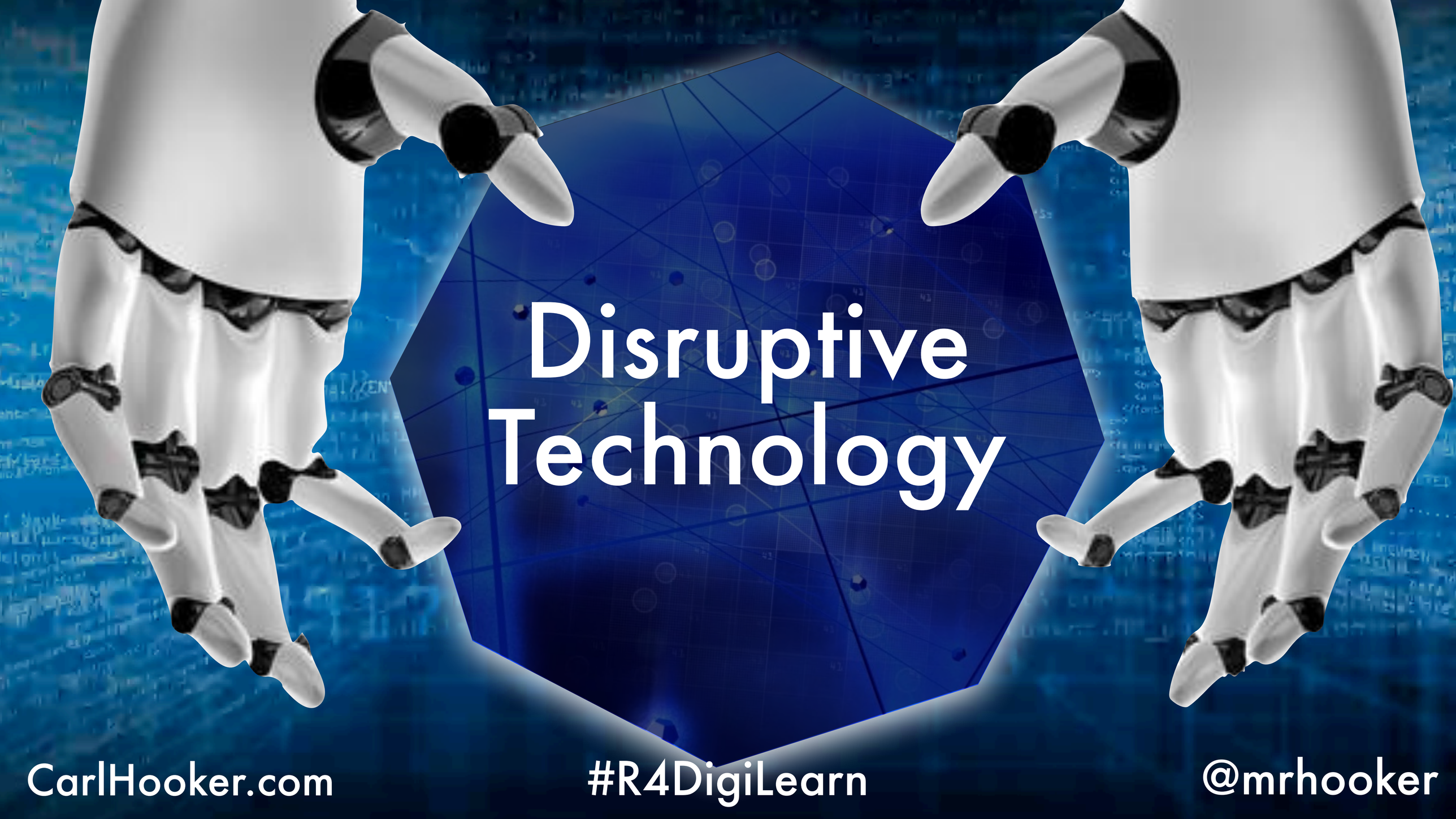

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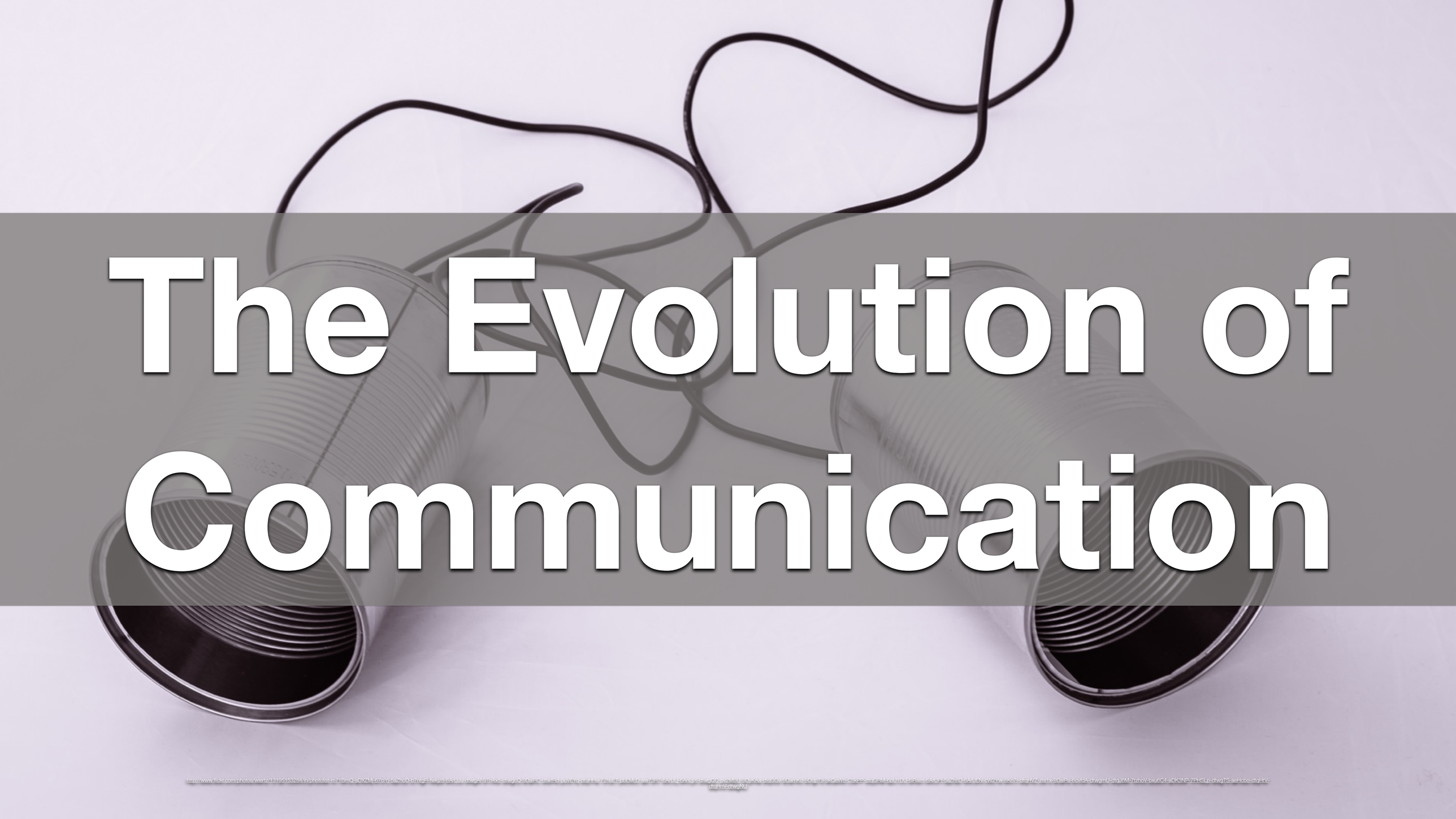


The Evolution of Communication

http://www.flickr.com/photos/wiertz/13195153284/in/photolist-m71BmQ-aDXZMi-67GYi-5aZnoD-b7ntgR-wkj28-dAUuu-dtwgA-89Tn9x-dtwgcQ-9DaiRC-dtwrRd-pdVEYq-dtqHHa-7ZhuEEp-bEMcD-aw73R7-dAUuE-dAnLyx-dtwgQC-pv2MBU-9DyKAa-dtqGGv-9DamKo-9Dp1ti-9KQaWc-6SKPP-dtqGRM-6pU1DU-6Rkm-6AUFe5-2ZhBD-6AUEN-cW2Ywe-8Kn7r-dtqHVZ-zte1xe9DaiRs-6cvfdA-dtwgmU-dtqJ8M-7tzhoV-bxu6C4-aDK3NP-7PHSLp-dtwgTS-aeHcbo-dtqHtV-dtqHnV-dtwgNJ

DEF
ABC
1
JKL
5
MNO
6
PRS
7
TUV
8
WXY
9
0
Spark Fun

DEF
ABC
1
JKL
5
MNO
6
PRS
7
TUV
8
WXY
9
0
Spark Fun

TALK

Rcl
Clr
Sto
Lock
Vol

NOKIA
C
1
2 abc
3 def
4 ghi
5 jkl
6 mno
7 pqrs
8 tuv
9 wxyz
0

44+33+555+555+666=hello

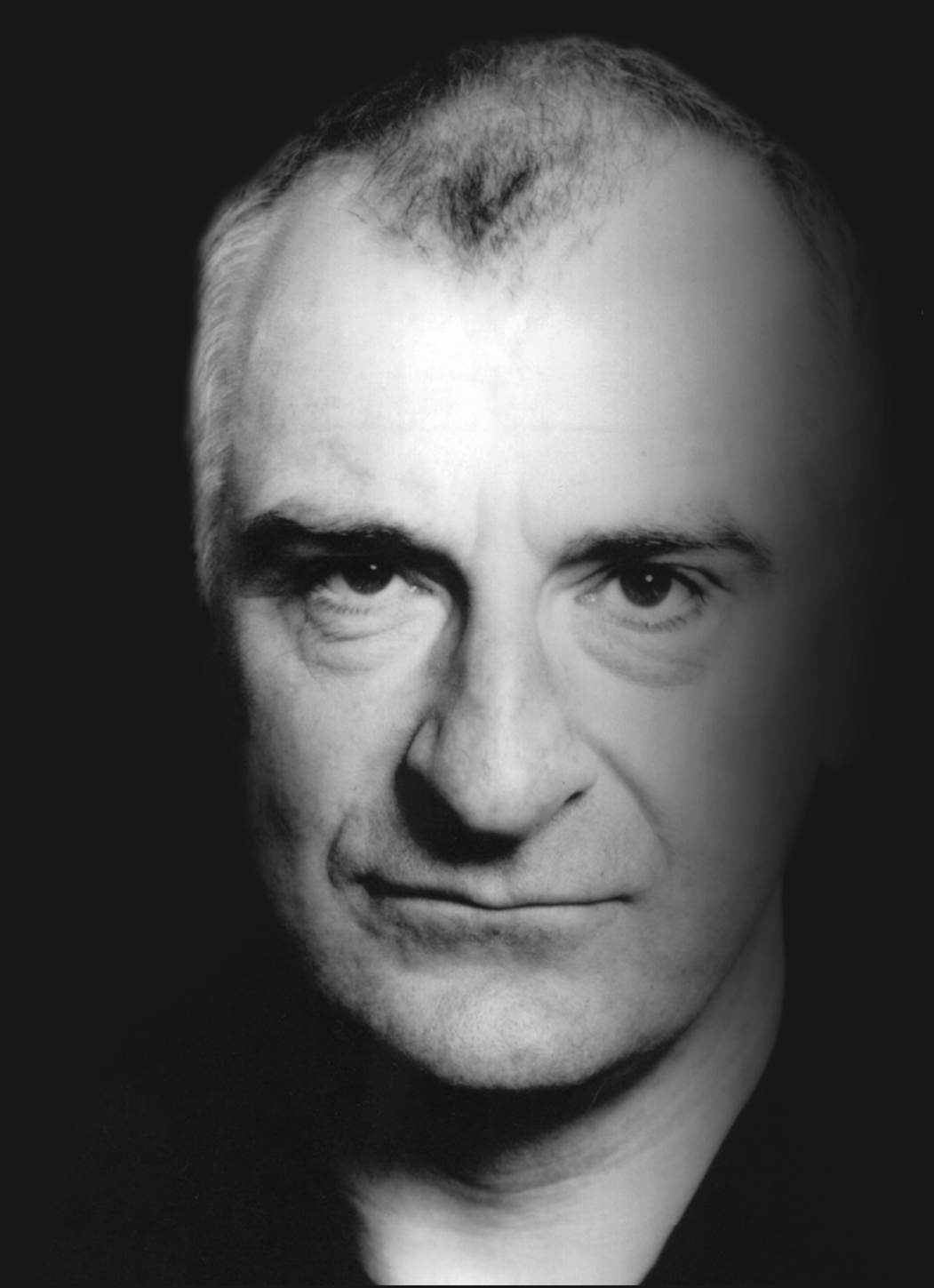
Invented in 2008

Invented in 2008

Invented in 2007

Technology is….

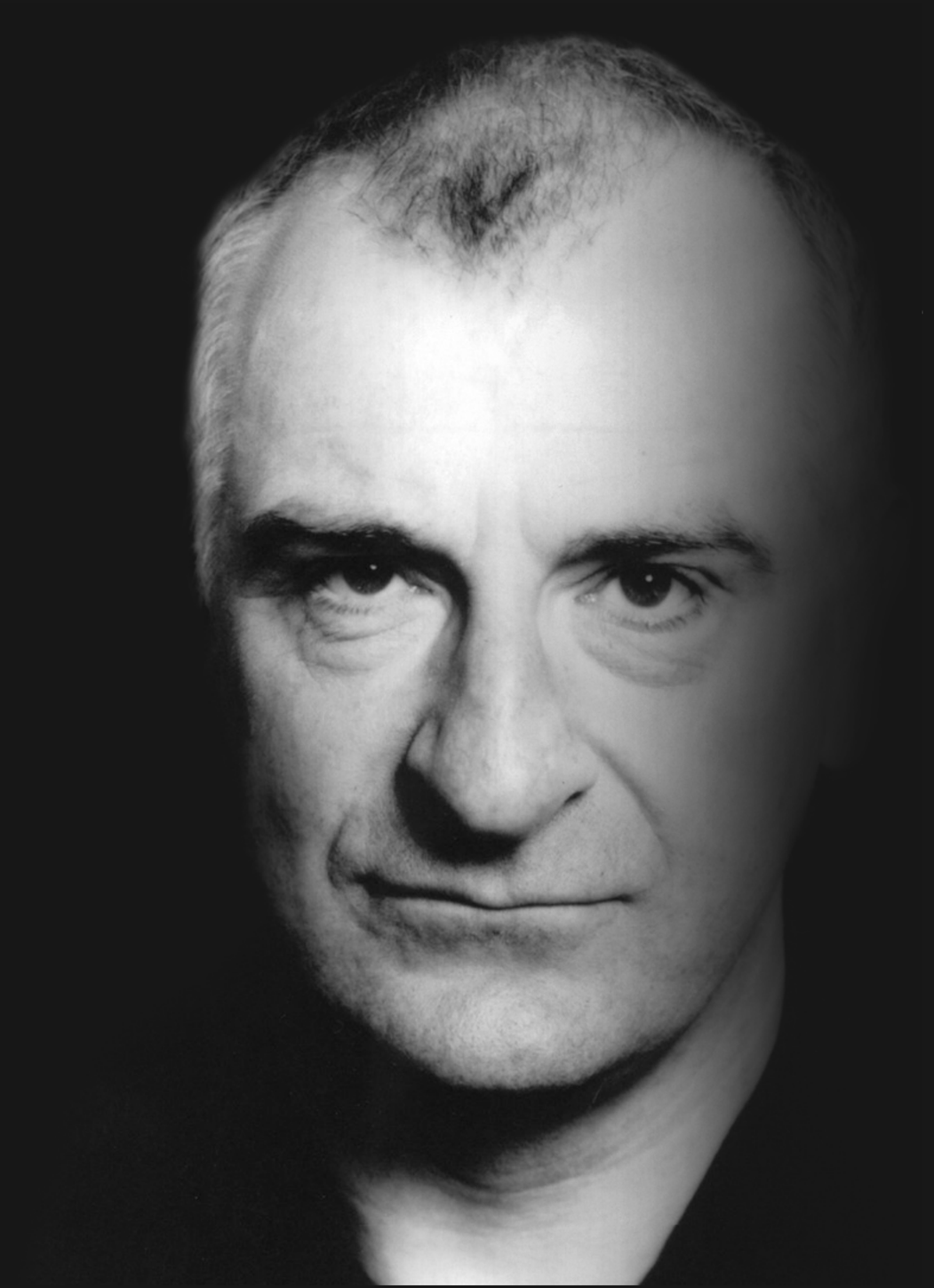
-Douglas Adams



Technology is….

1. Anything that is in the world when you're born is normal and ordinary and is just a natural part of the way the world works.

-Douglas Adams



Technology is….

1. Anything that is in the world when you're born is normal and ordinary and is just a natural part of the way the world works.

2. Anything that's invented between when you're fifteen and thirty-five is new and exciting and revolution and you can probably get a career in it.

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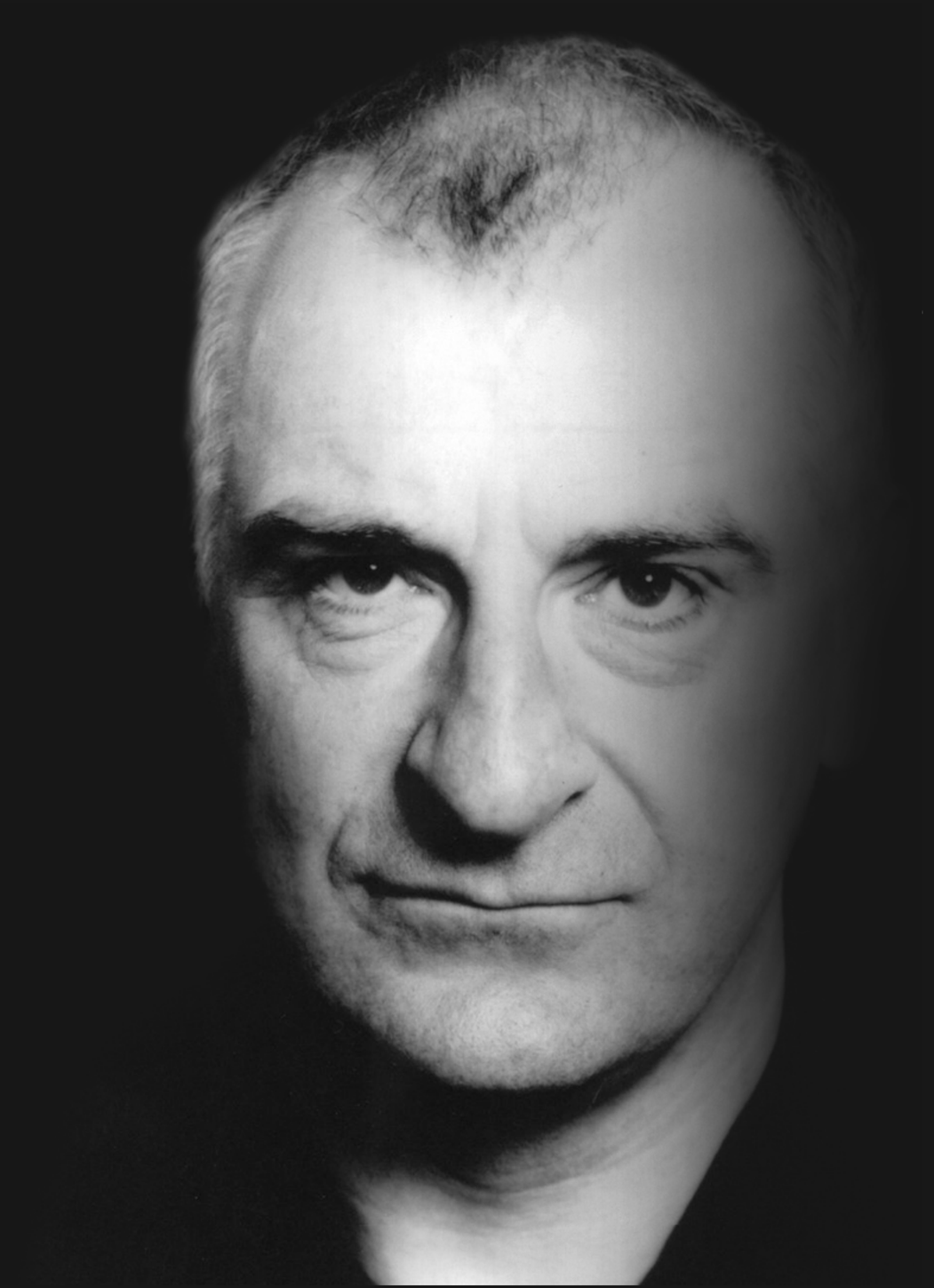

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1. *Anything that is in the world when you're born is normal and ordinary and is just a natural part of the way the world works.*

2. *Anything that's invented between when you're fifteen and thirty-five is new and exciting and revolution and you can probably get a career in it.*

3. *Anything invented after you're thirty-five is against the natural order of things.*

-Douglas Adams

Don’t get a car with a stranger

Don’t meet people from the internet

Today:

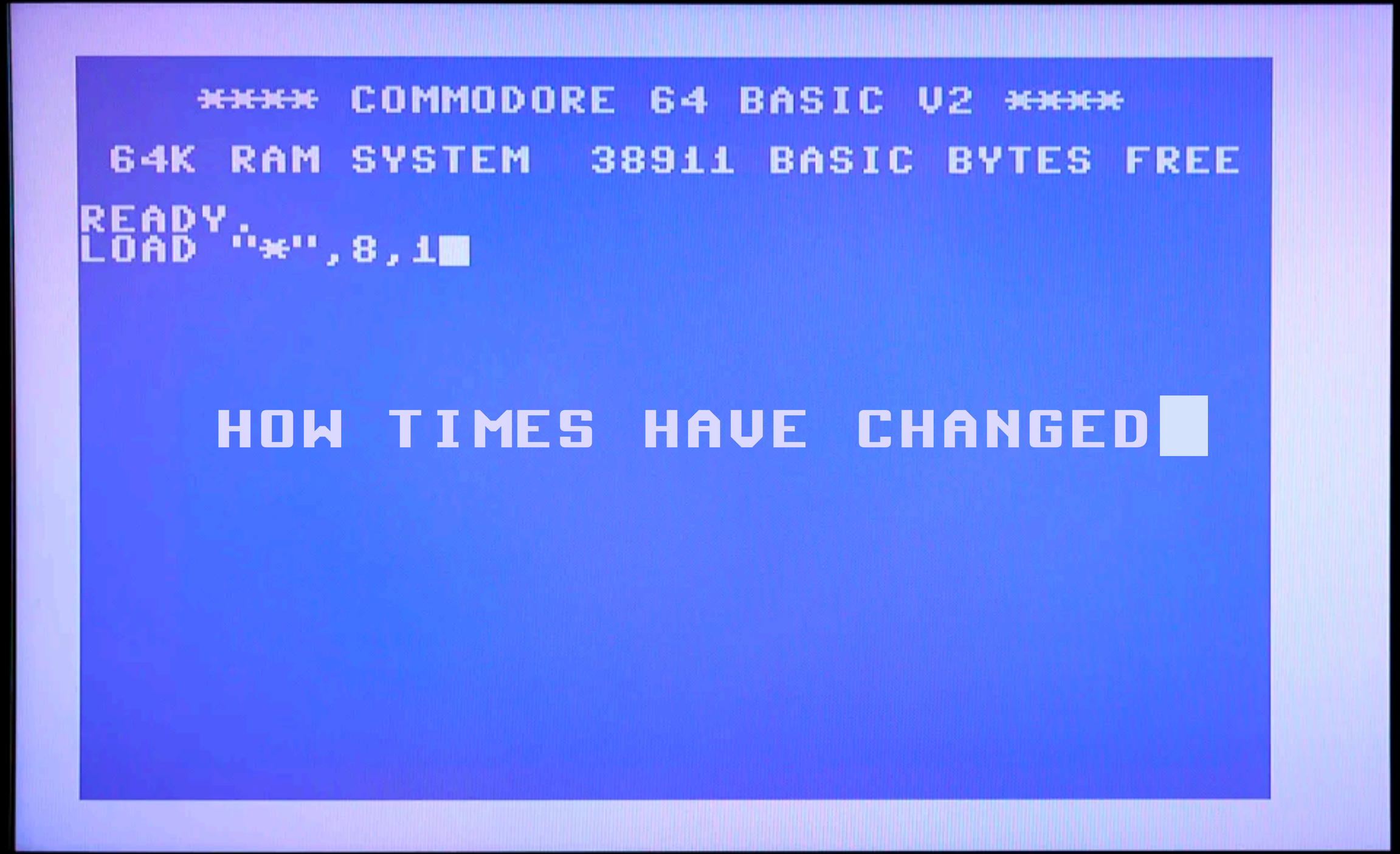
Today:
Contact a stranger from the internet to ride in their car.

Today:
Contact a stranger from the internet to ride in their car.

```
    **** COMMODORE 64 BASIC V2 ****

 64K RAM SYSTEM  38911 BASIC BYTES FREE

READY.
LOAD "*",8,1
```


**** COMMODORE 64 BASIC V2 ****
64K RAM SYSTEM 38911 BASIC BYTES FREE
READY.
LOAD "*",8,1
HOW TIMES HAVE CHANGED

Please take this short poll

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What are some things we should learn from this disruption and keep in education going forward?

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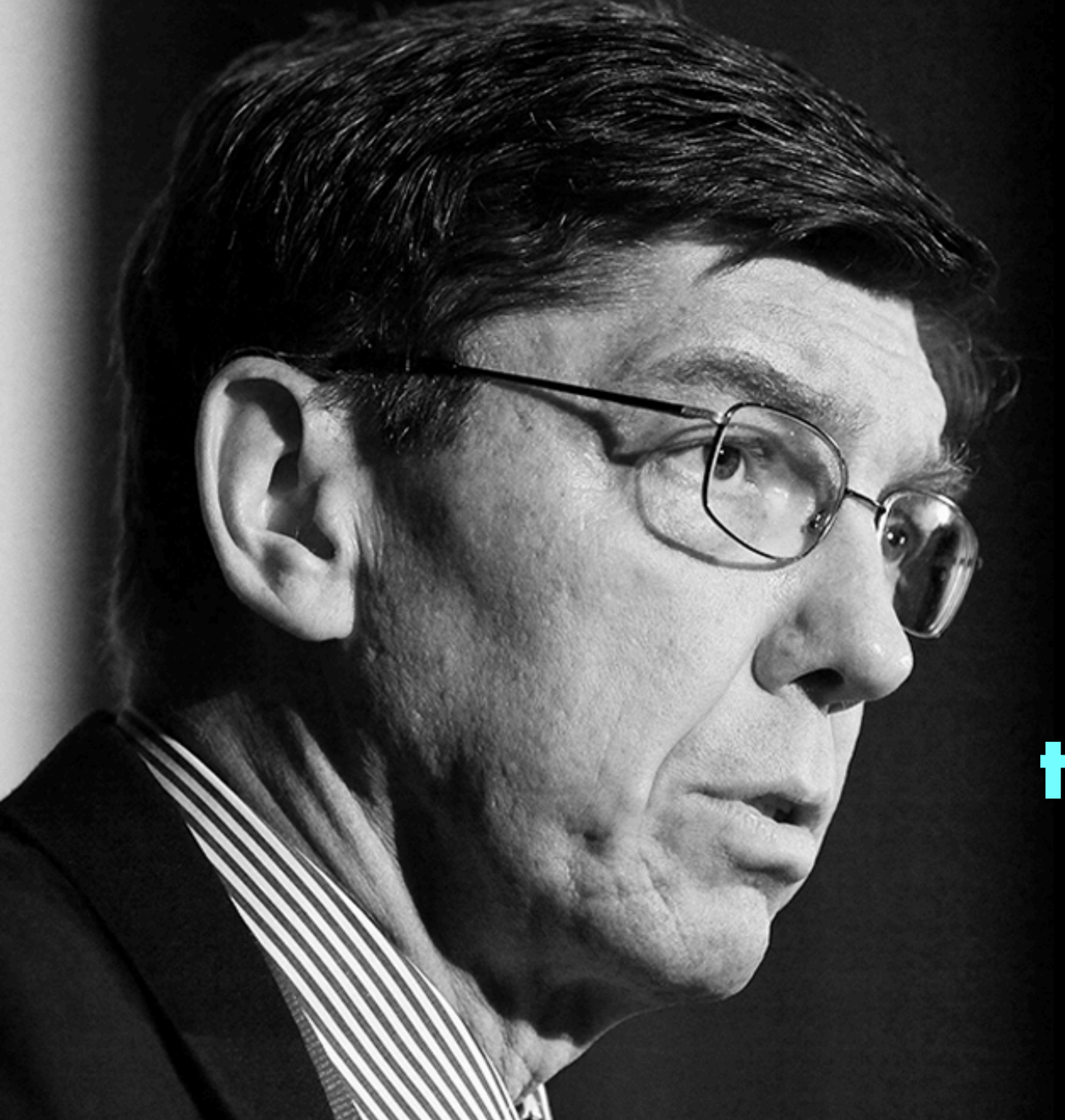

“Disruptive technology should be framed as a marketing challenge, not a technological one.”

-Clayton M. Christensen

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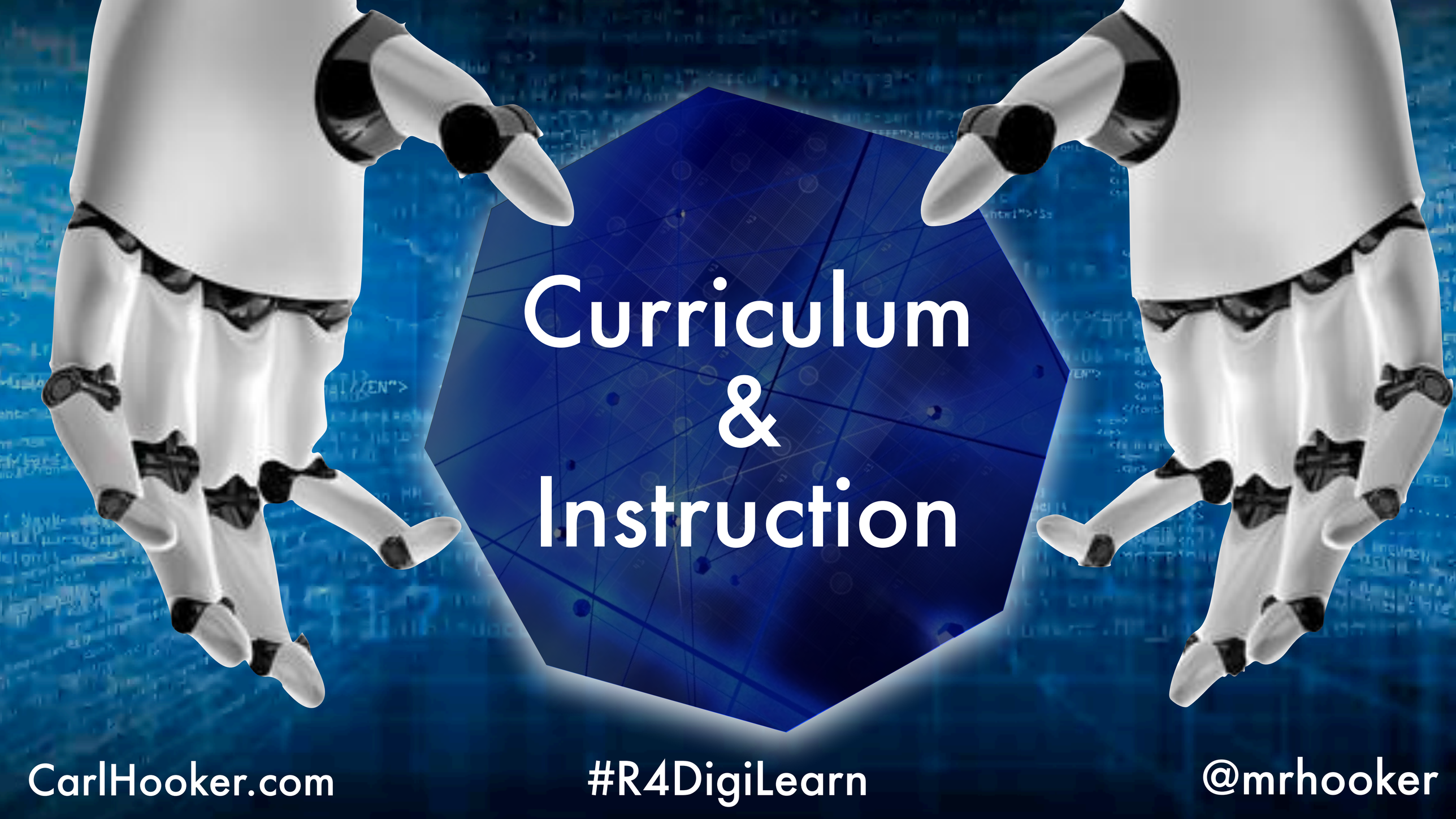

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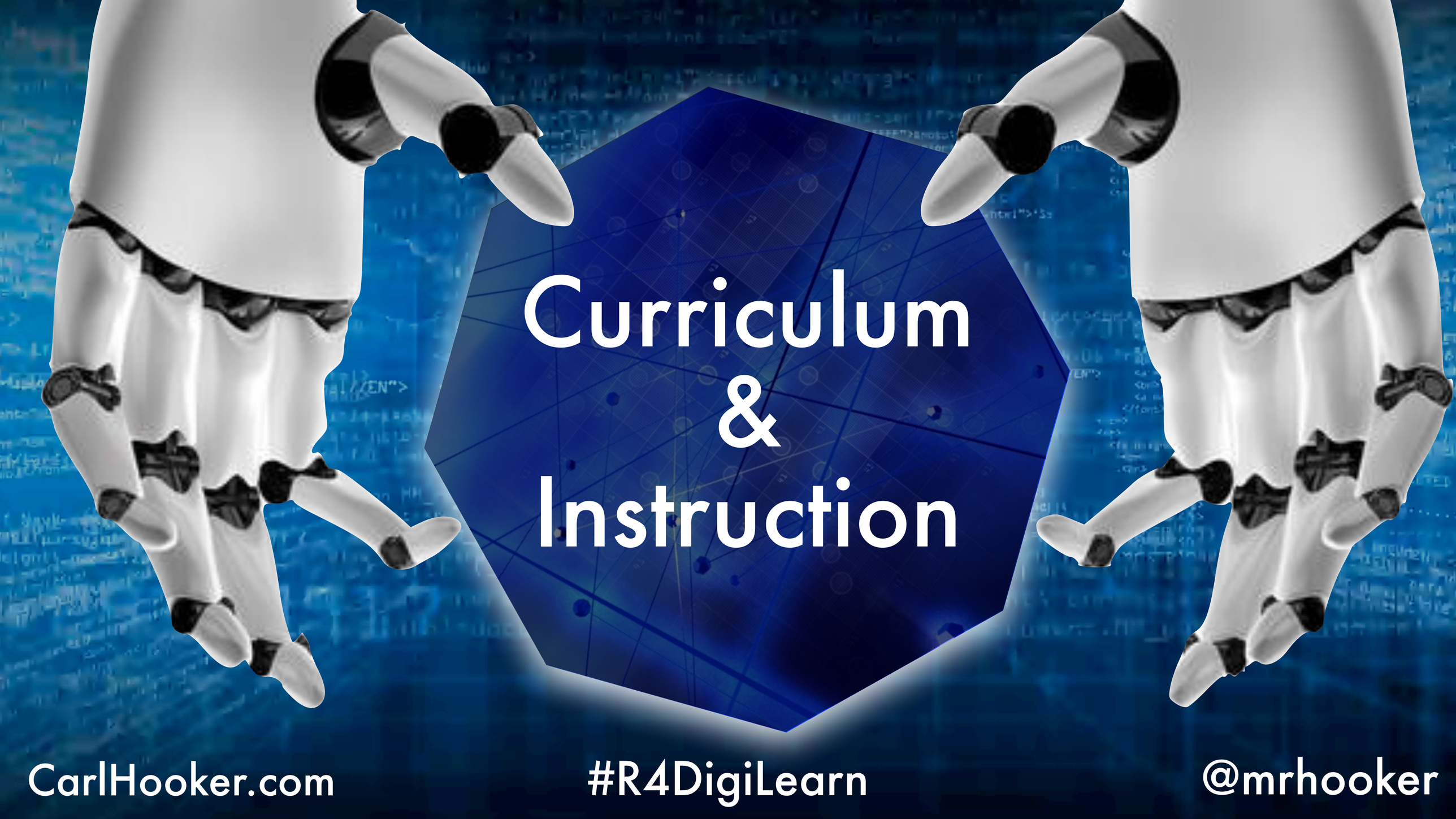

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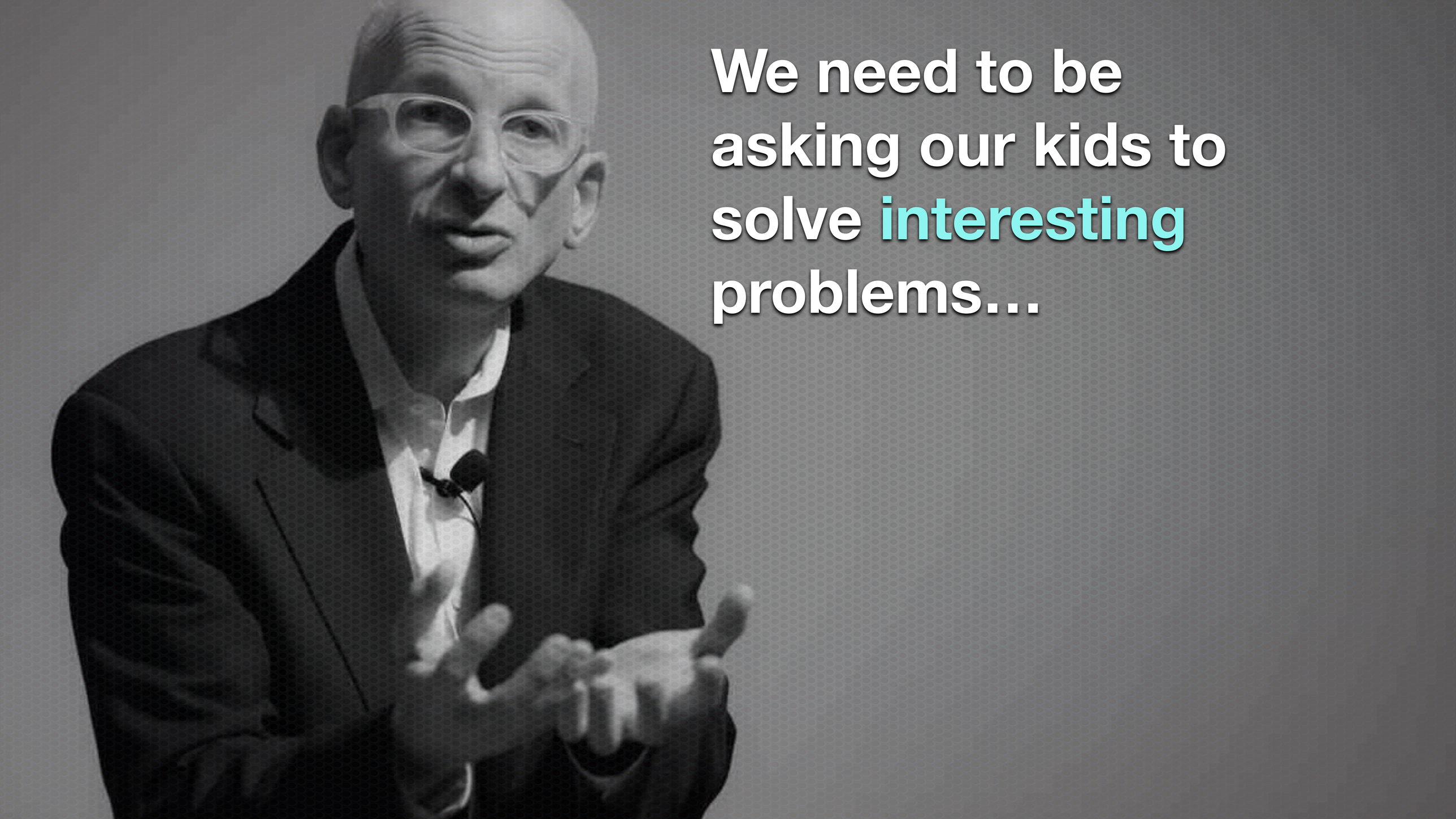
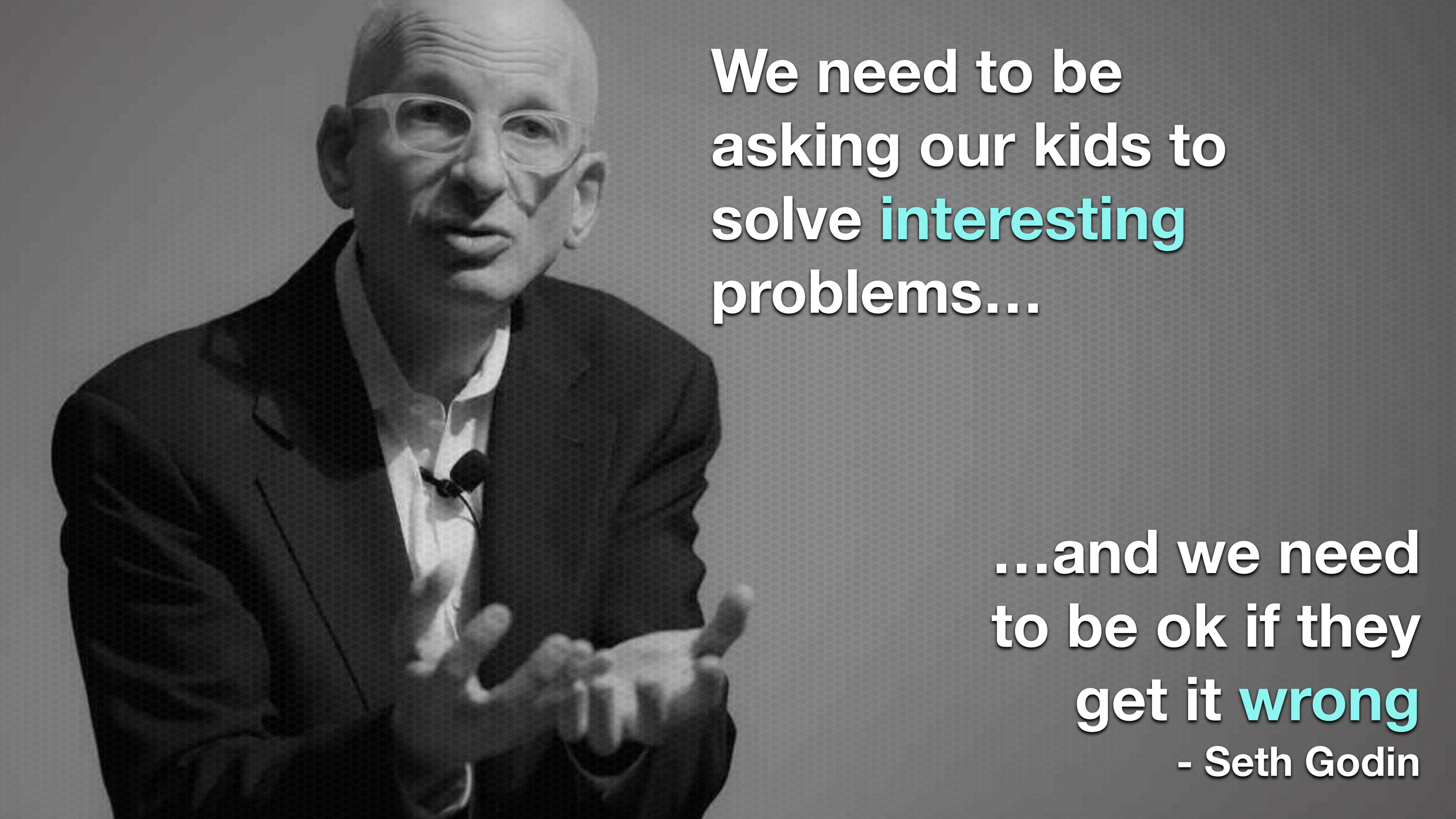
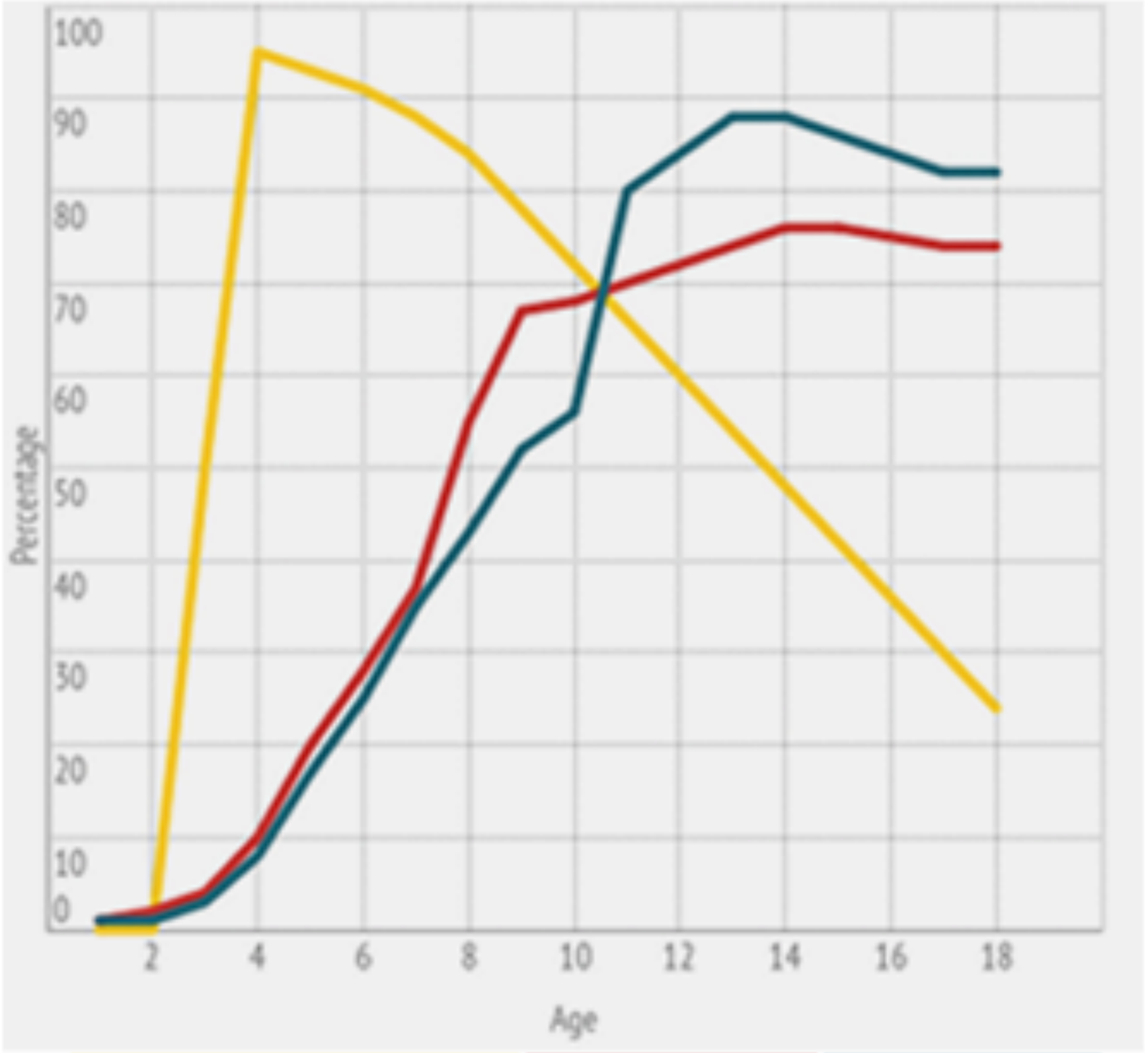
GAME OF SCHOOL

IS THIS GOING TO BE ON THE TEST?


We need to be
asking our kids to
solve interesting
problems…


We need to be asking our kids to solve interesting problems…
…and we need to be ok if they get it wrong
- Seth Godin

Why does kids' questioning drop off after age 3?



How do we keep this look of curiosity in our students?

“Don’t just teach a lesson, create an *experience.*”

-Dave Burgess
@burgessdave

Your
comfort
zone

Where the magic happens

Glencoe Science
Texas Science
GRADE 8
Glencoe McGraw-Hill
Glencoe Spanish 1
¡Buen viaje!
TEXAS EDITION
Glencoe
THE LANGUAGE OF
LITERATURE
HOLT
Algebra 1
Beginnings
through Reconstruction

incubatoredu™

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Science and engineering with an artistic twist

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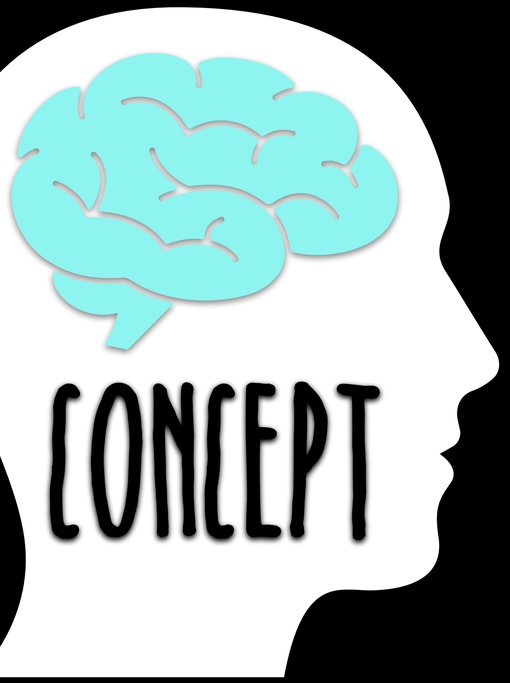
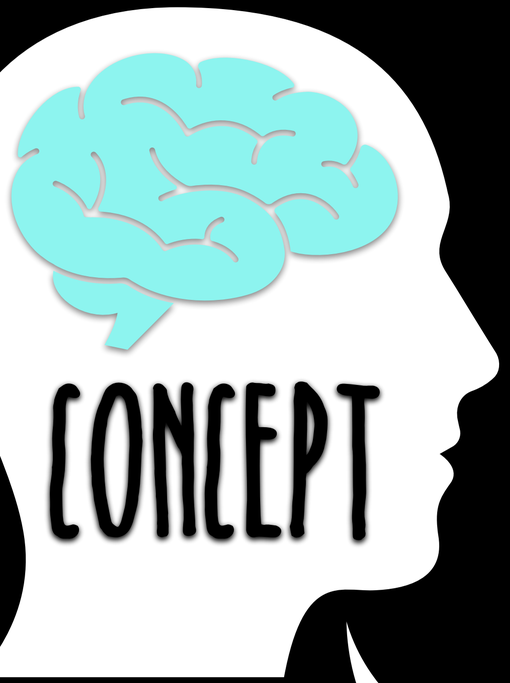
ITERATIVE PROCESS

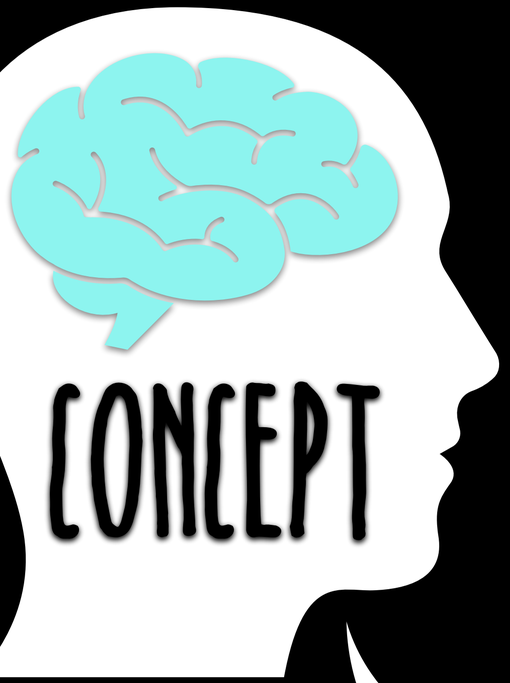


ITERATIVE PROCESS



DESIGN

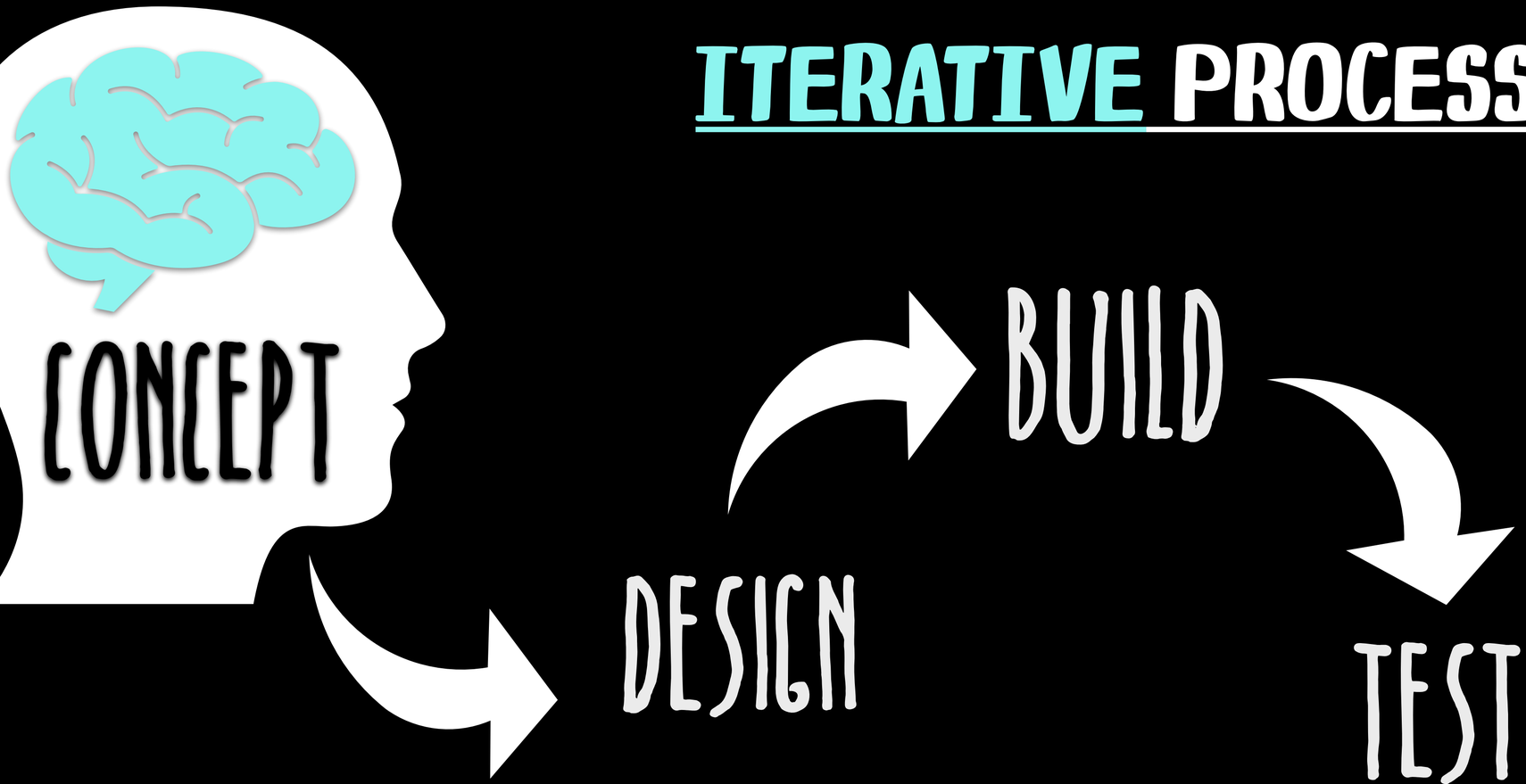
ITERATIVE PROCESS



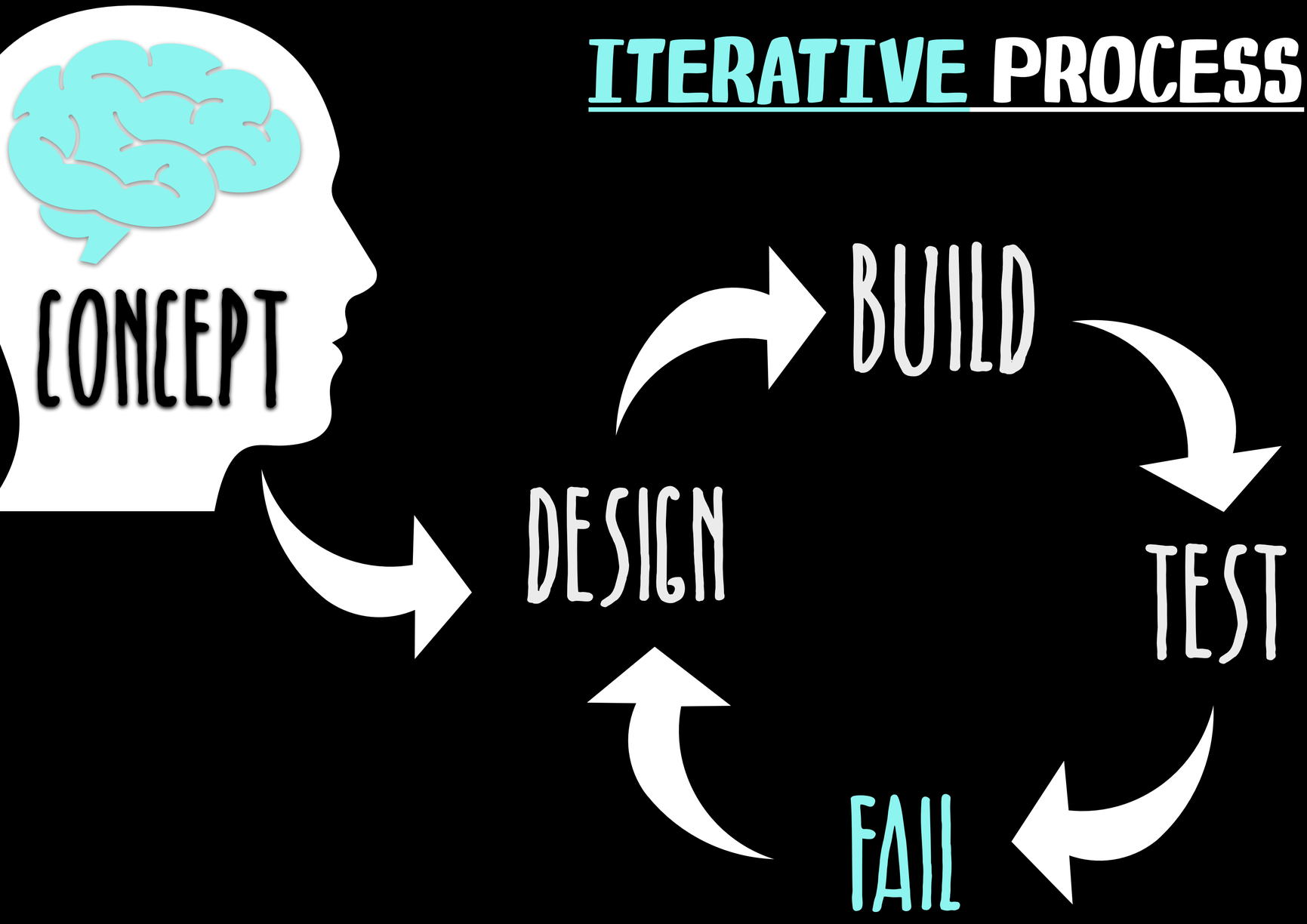
BUILD

DESIGN

ITERATIVE PROCESS



ITERATIVE PROCESS



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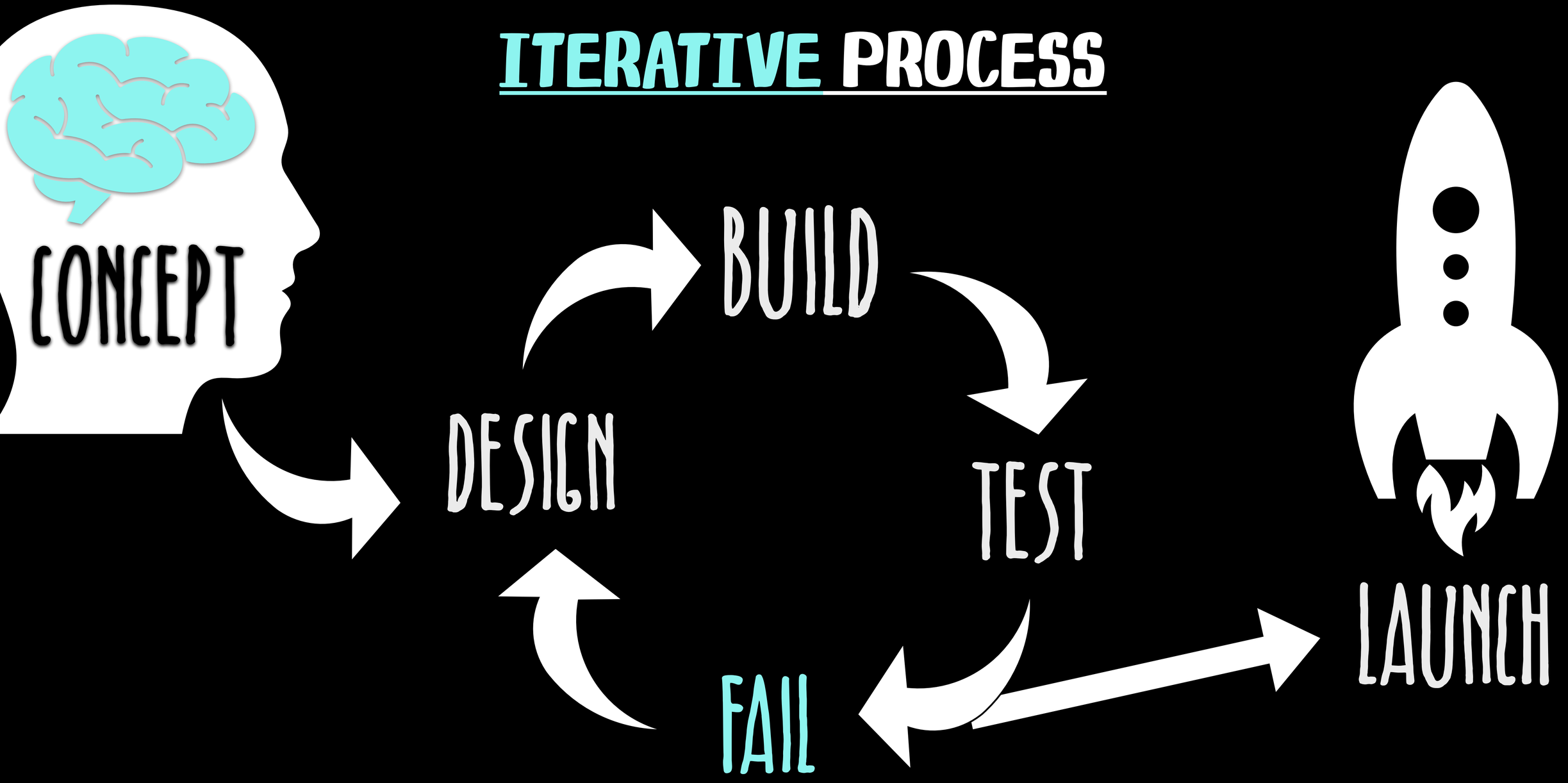
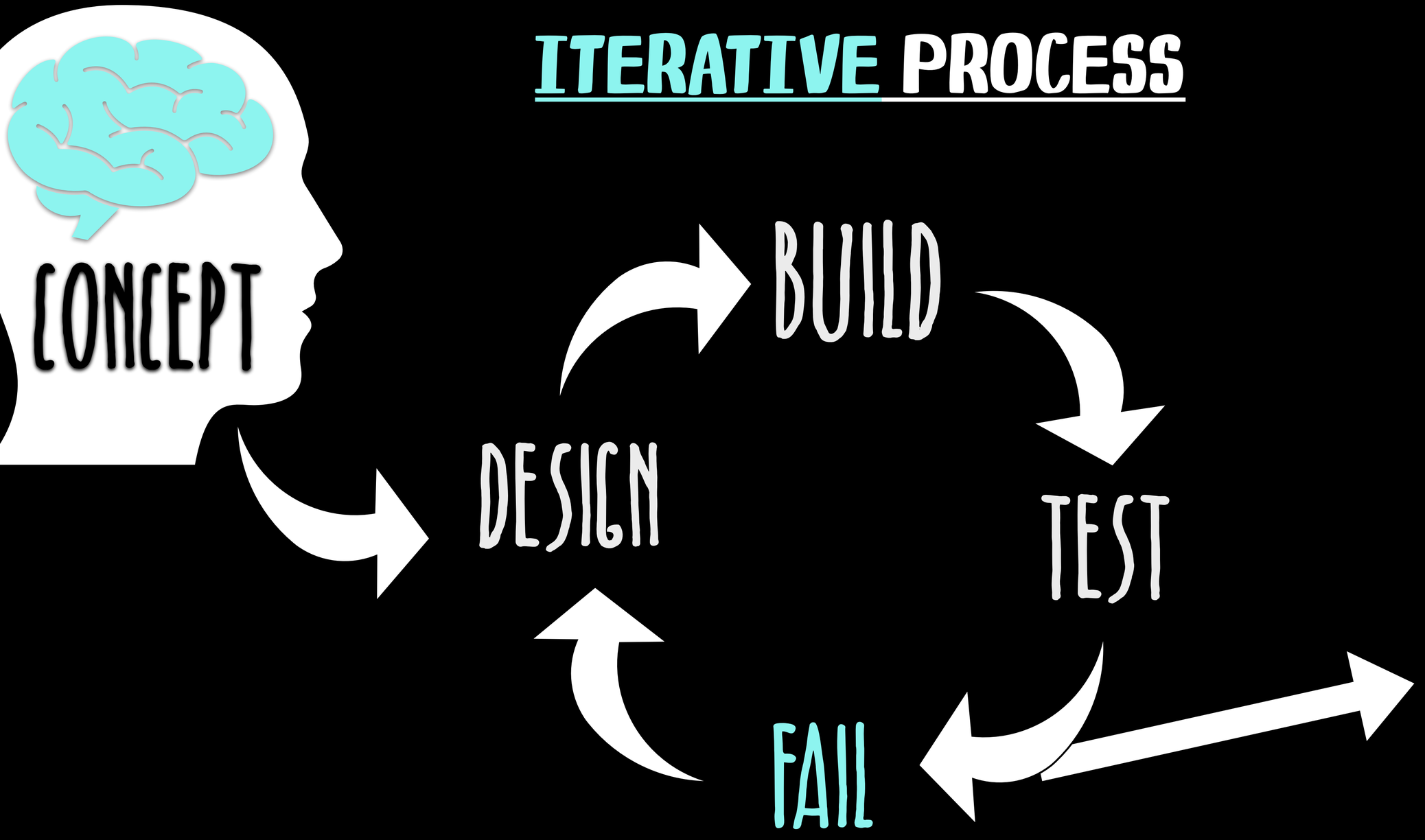
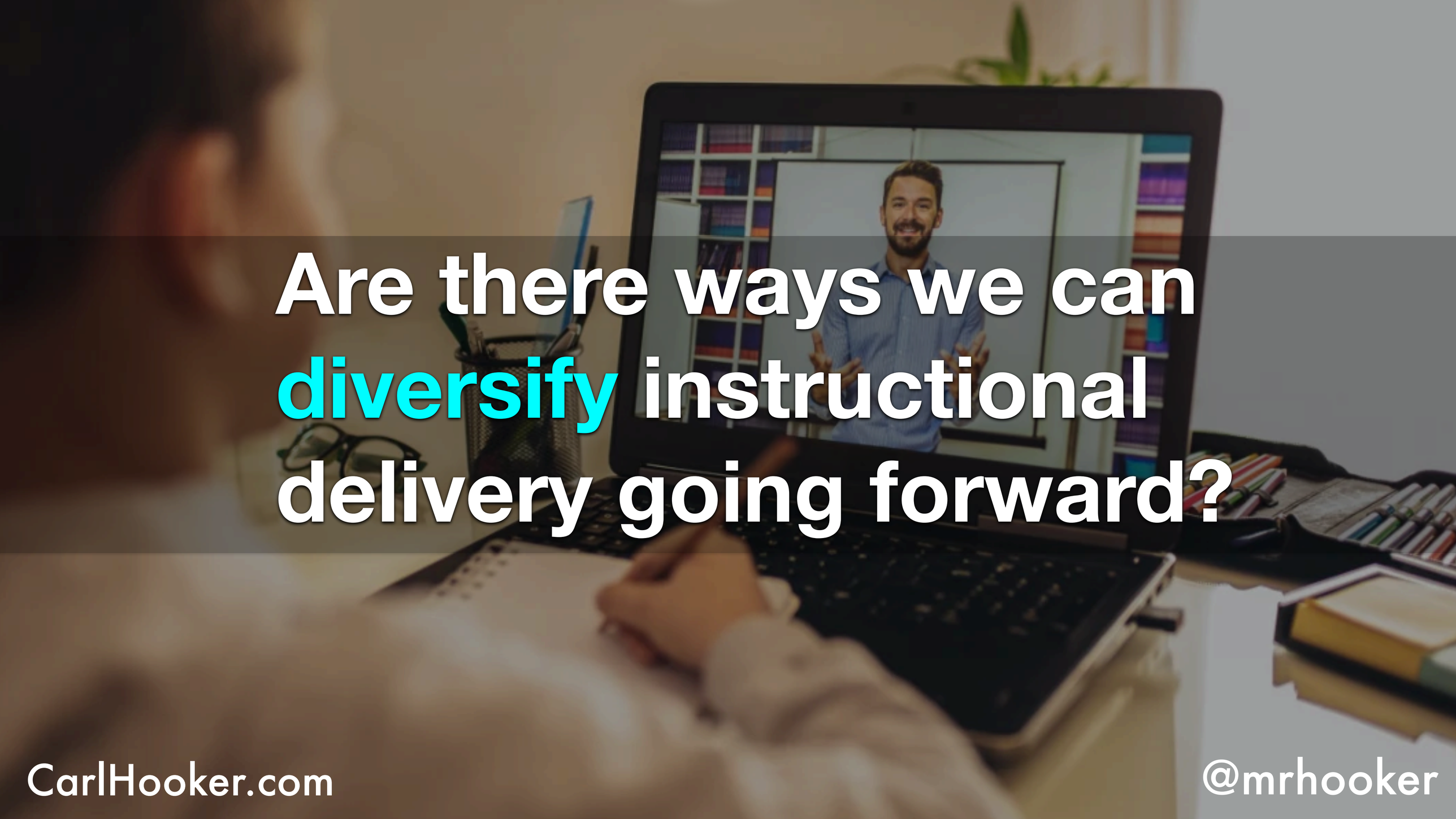


ITERATIVE PROCESS




Are there ways we can
diversify instructional
delivery going forward?

Synchronous vs Asynchronous

Students meet during a scheduled time

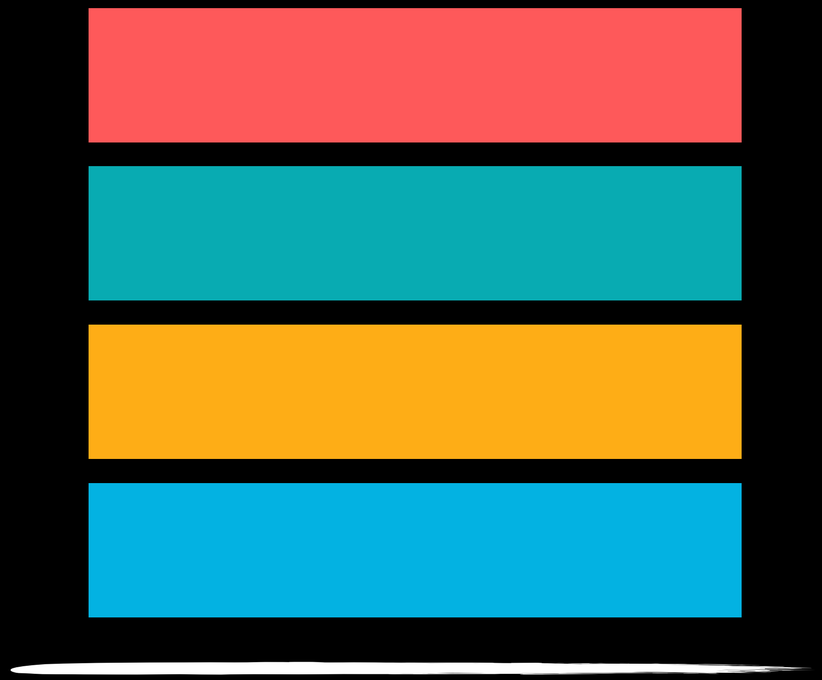
Students engage in activities at any time

Synchronous vs Asynchronous

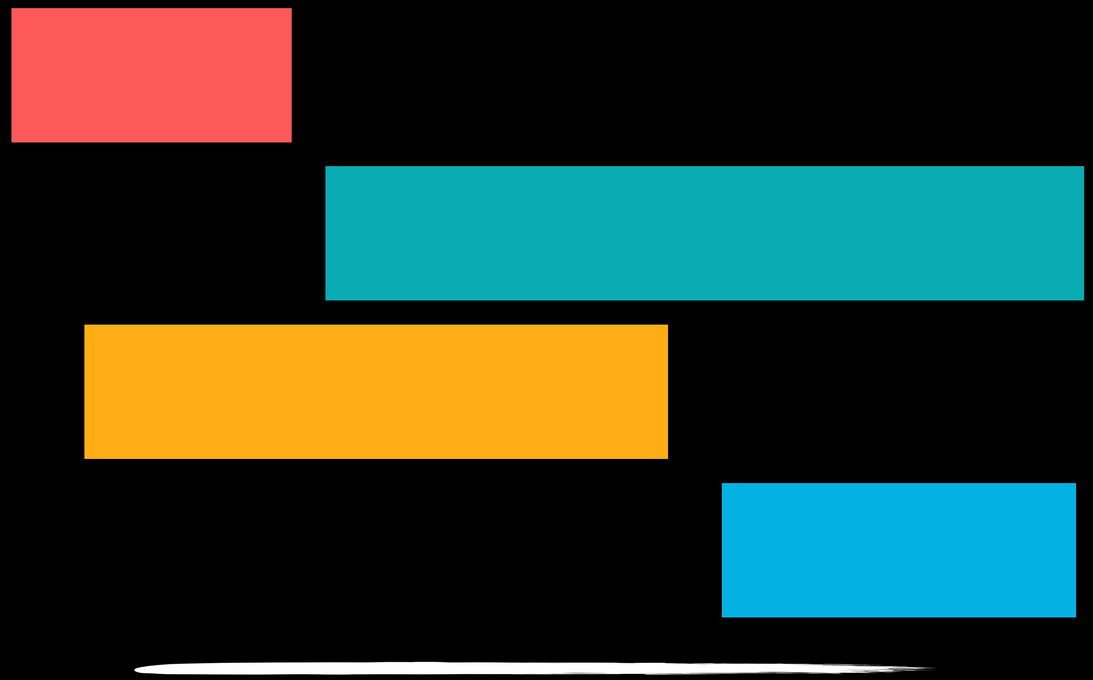
Students meet during a scheduled time

Students engage in activities at any time

Synchronous vs Asynchronous



Students meet during a scheduled time



Students engage in activities at any time

Please take this short poll

mrhook.it/poll

What are some things we should leave behind in education when things get ‘back to normal’?

What are some things we should leave behind in education when things get 'back to normal'?

Start the presentation to see live content. For screen share software, share the entire screen. Get help at **pollev.com/app**

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We need to create a generation of empathetic risk-takers
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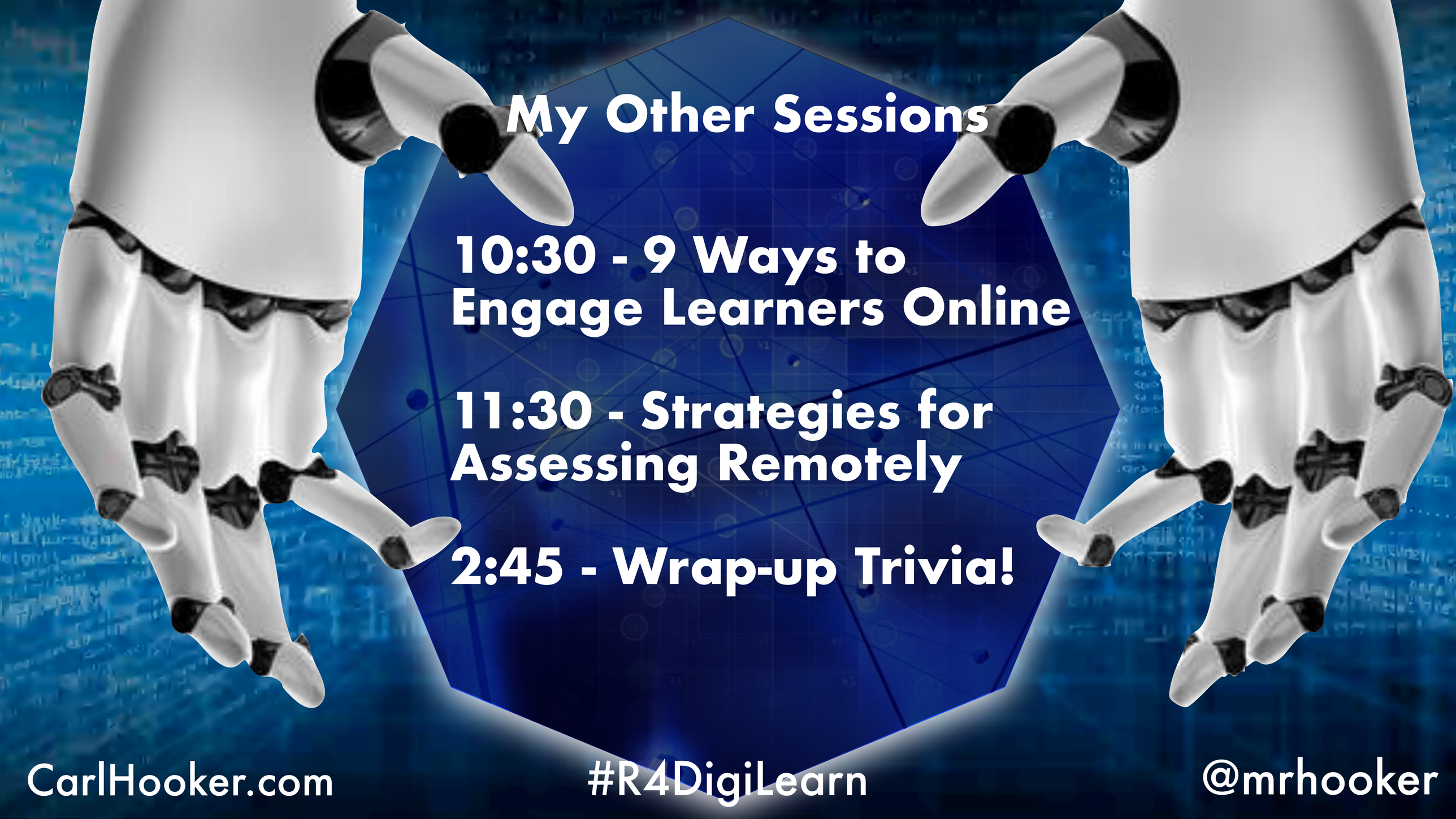
My Other Sessions
10:30 - 9 Ways to Engage Learners Online
11:30 - Strategies for Assessing Remotely
2:45 - Wrap-up Trivia!
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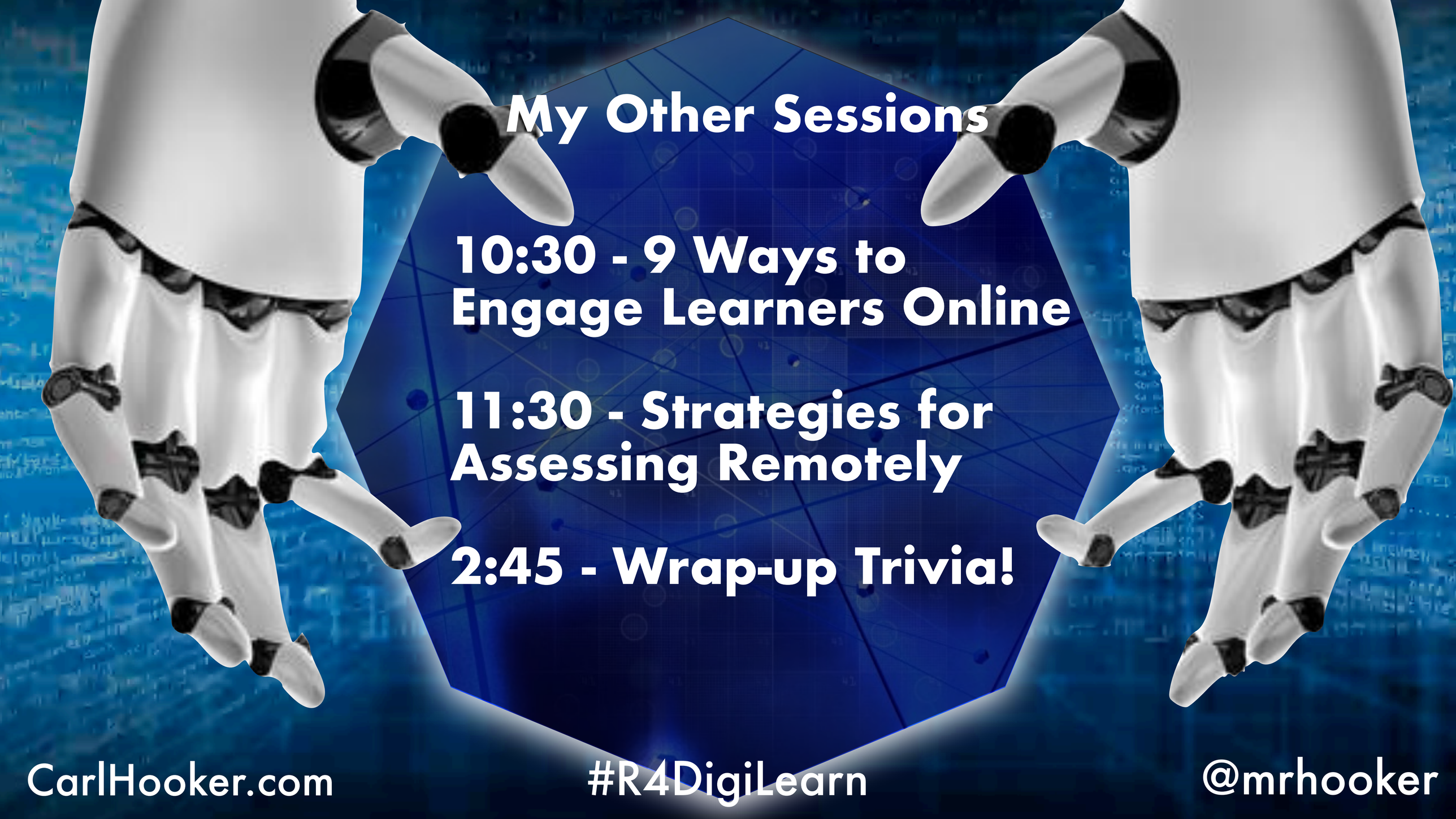
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