ALGORITHMS
ARTIFICIAL
INTELLIGENCE
BOTS
MACHINE LEARNING
SPECULATIVE DESIGN

IDEO

“design thinking”

“Ultimately, we’re using the term ‘augmented intelligence’ to really focus on the fact that we’re extending and enhancing people’s capabilities through technology, as opposed to thinking of technology as a separate thing, or replacing people’s capabilities with technology.”

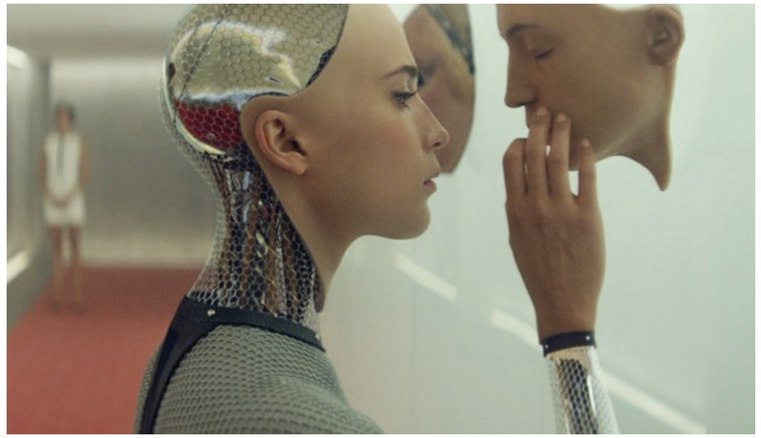
Artifacts → algorithms

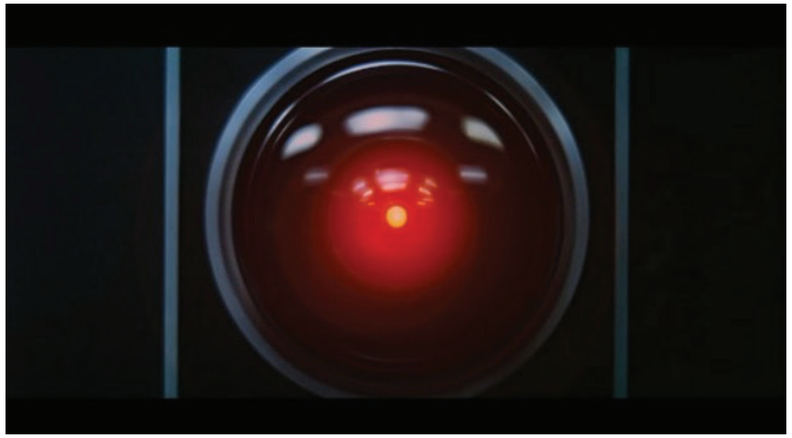
systems

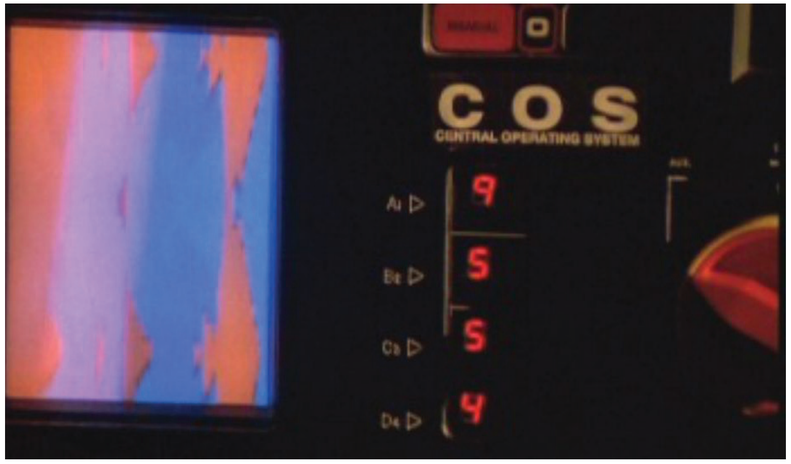
frameworks

platforms

artificial intelligence





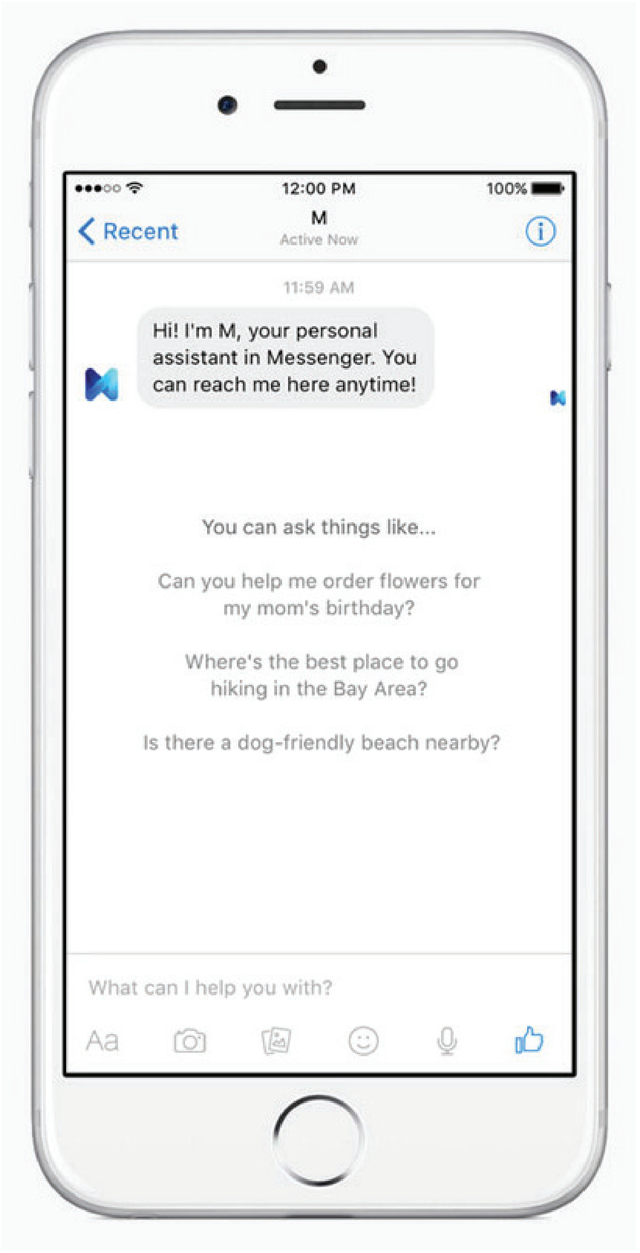

COS
CENTRAL OPERATING SYSTEM

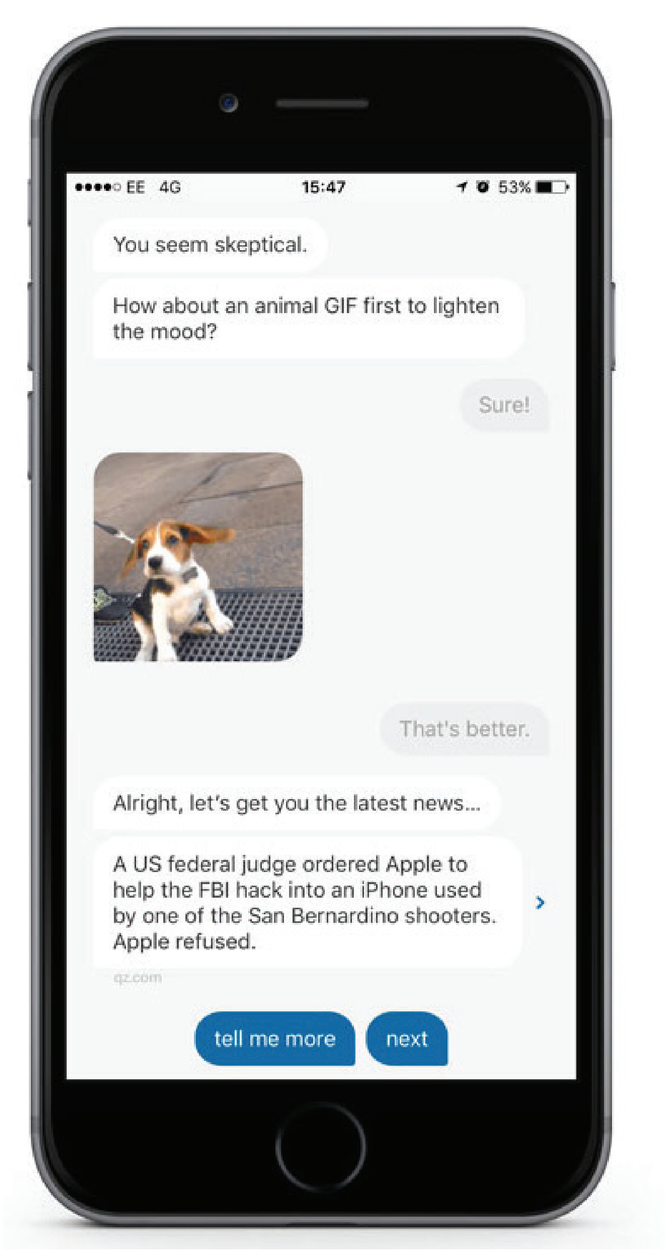
“Artificial intelligence is our biggest existential threat.”

—Elon Musk

amazon

9:41 AM
100%
What can I help you with?
Hey Siri...


12:00 PM
100%
Recent
M
Active Now
11:59 AM
Hi! I'm M, your personal assistant in Messenger. You can reach me here anytime!
You can ask things like...
Can you help me order flowers for my mom's birthday?
Where's the best place to go hiking in the Bay Area?
Is there a dog-friendly beach nearby?
What can I help you with?
Aa


EE 4G
15:47
53%
You seem skeptical.
How about an animal GIF first to lighten the mood?
Sure!
That's better.
Alright, let's get you the latest news...
A US federal judge ordered Apple to help the FBI hack into an iPhone used by one of the San Bernardino shooters. Apple refused.
qz.com
tell me more
next

“the internet of things”

9:41 AM
100%
Save
Device name:
Kitchen
Auto
Begin brewing
07:00 AM
Notify when brewing
Aroma
Keep warm
40 Minu
EzPro
BrewGenie
menu
auto brew
aroma connect

Home
Your Videos
Movies
TV Shows
Apps
Settings
AN AMAZON ORIGINAL MOVIE
THE SALESMAN
Watch with Prime
YouTube.com
UFC
DIRECTV NOW
HBO NOW
NETFLIX
music
prime photos
hulu
sling
ALTO 5 ADVENTURE
An endless snowboarding odyssey.
Get the app

“invisible interfaces”

“invisible interfaces”

Define our terms:

artificial intelligence
machine learning
automation
algorithm

Artificial intelligence runs on data...

...your data and collected data.

Google

Creating Voice Sound Dictionary

It learns the characteristics of the recorded voice, and makes a voice sound dictionary as well as the prosody dictionary.

Voice data base (corpus)

Voice sound dictionary

Prosody dictionary

The Flow of the Voice Synthesis (Voice Synthesis using the Corpus)

Text

Text analysis

Prosody Prediction

Choosing the voice units

Waveform connection

Voice output

"有難う"

"アリガトー"

Analyzes the Japanese, and adds accents and readings.

Prosody knowledge

It predicts the dynamics and intonations using the prosody dictionary.

Index

It chooses the suitable phoneme from the voice sound dictionary.

Voice waveform

It corrects the chosen phoneme if necessary by signal processing, and connects it as voice waveform.

"a ri ga too"

Waveform connection of phoneme units

(On Facebook, you are the product.And the product keeps getting better.)

How will automation/AI influence the design process?

wired.co.uk

Daily Web Teaching My Sites Save to Library Read Later

You can now transfer money on Facebook Messenger in the UK

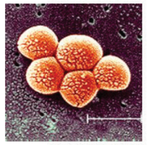
2 hours ago

Stevie Graham breaks into Barclays and HSBC for data, not money

12:10 PM

The first Silicon Valley ambassador is out to make nice with tech giants

12:46 PM



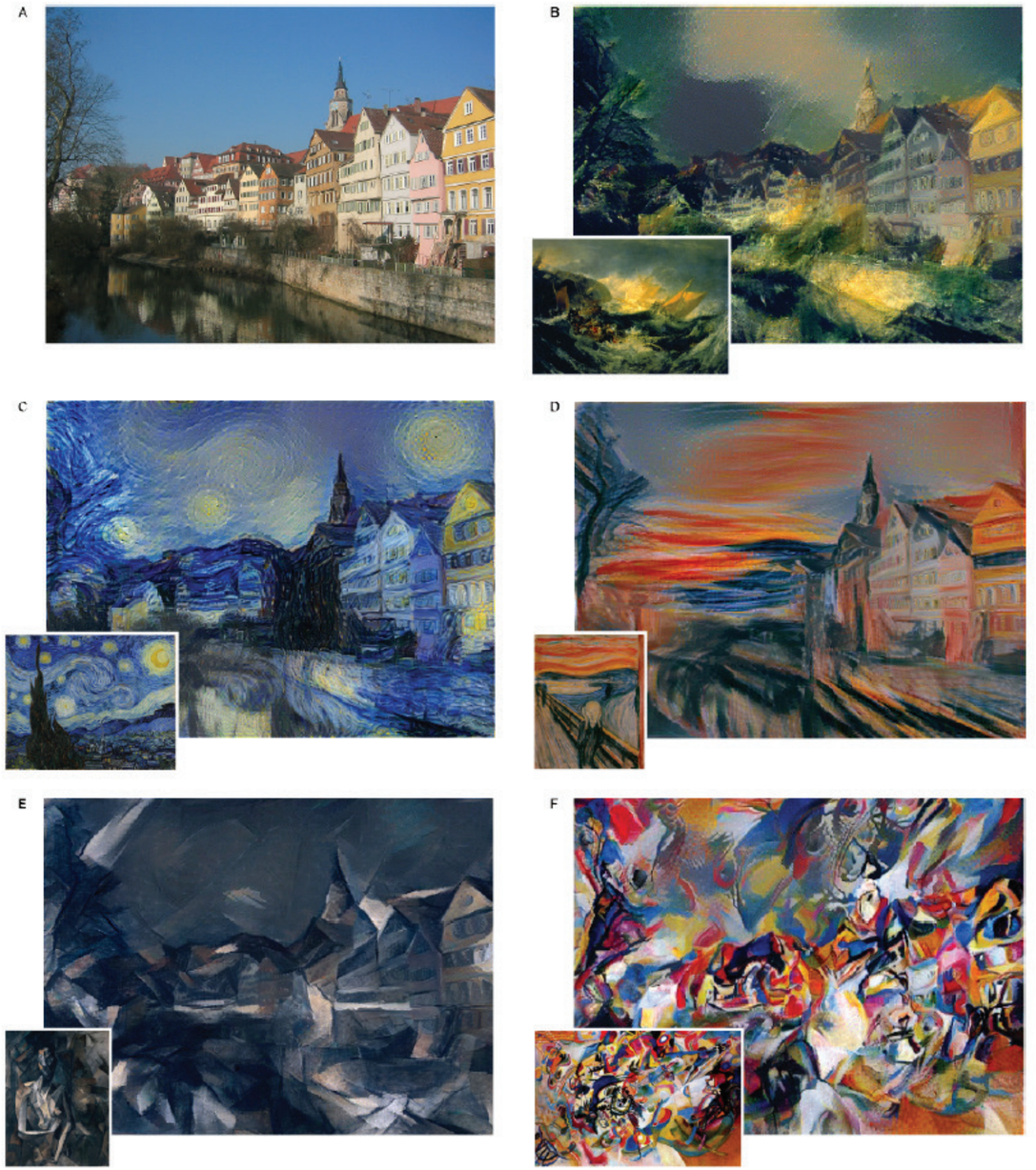
If we don't act now, superbugs will kill us before climate change does

8:00 AM

Artificial intelligence

Google's AI has written some amazingly mournful poetry

Google's poetry was written by an AI system after it was fed thousands of unpublished romantic novels


A
B
C
D
E
F

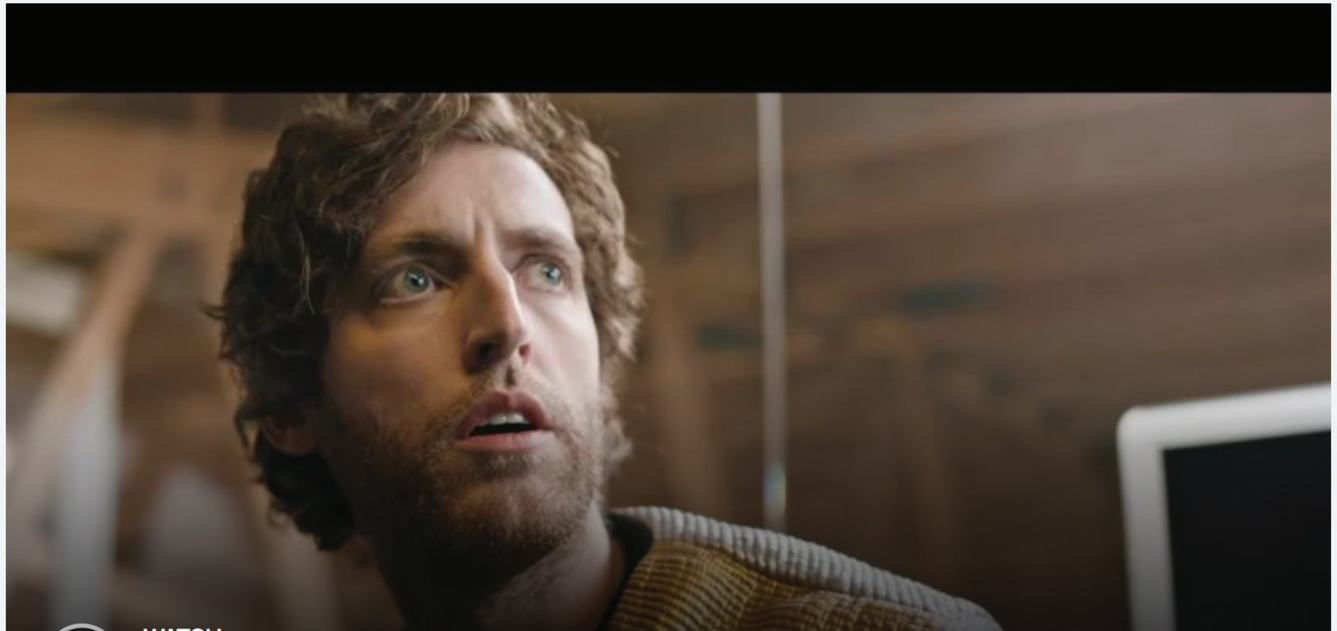
arstechnica.com
Daily Web Teaching My Sites Save to Library Read Later

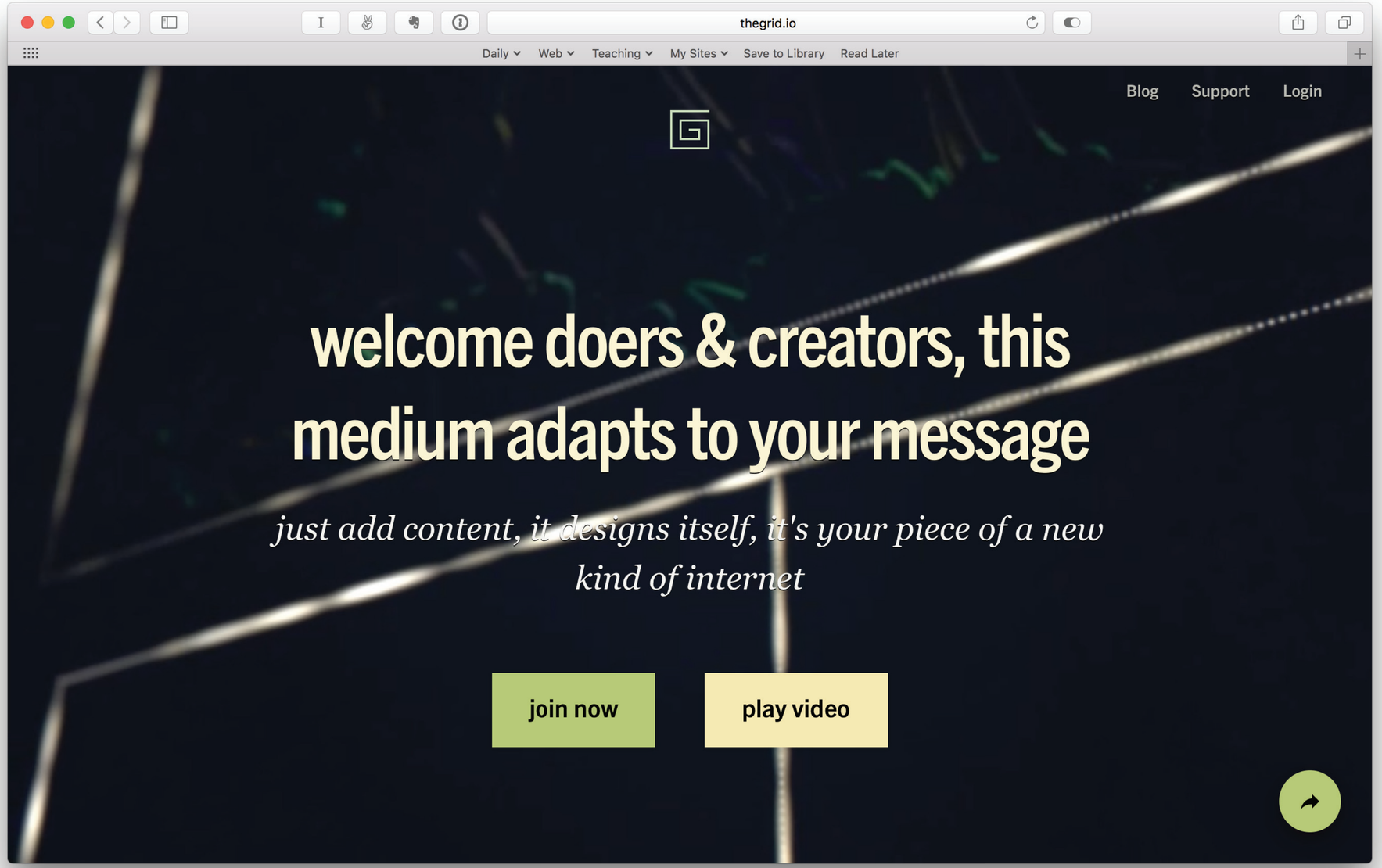
GAMING & CULTURE —

Movie written by algorithm turns out to be hilarious and intense

For *Sunspring*'s exclusive debut on Ars, we talked to the filmmakers about collaborating with an AI.

ANNALEE NEWITZ - 6/9/2016, 6:30 AM




thegrid.io
Daily
Web
Teaching
My Sites
Save to Library
Read Later
Blog
Support
Login
welcome doers & creators, this medium adapts to your message
just add content, it designs itself, it's your piece of a new kind of internet
join now
play video

Meet Molly.

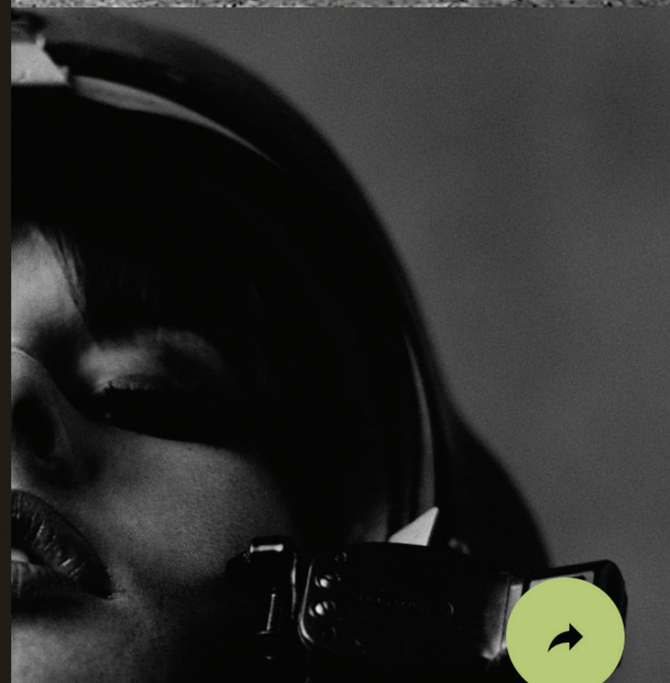
Your new AI web designer.

She’s young, she’s learning, but she’s already designed hundreds of thousands of web pages, including this one. 24/7 she’s experimenting, figuring out what works & what doesn’t.

She's quirky, but will never ghost you, never charge more, never miss a deadline, never cower to your demands for a bigger logo.

Looking back 3 months from now she will have searched through more design decisions than stars in our galaxy. Couple years from now and… You’ll just have to find out.

Sign up now



Artifacts → algorithms

systems

frameworks

platforms

“The word building contains the double reality. It means both the action of the verb build and that which is built—both verb and noun, both the action and the result...a building is always building and rebuilding.”

—Stewart Brand
How Buildings Learn

“A design today is rarely a substantive, realized product. More and more often it is a proposal that gains its final form in the interaction with the audience, for better or for worse.”

—Max Bruinsma

“A painting is never finished, only abandoned.”
— Michelangelo

A website is never finished, only launched.

A poster is never finished, only printed.

A book is never finished, only published.

A design is never finished