Sunday News No. 40

April 28th, 2019

MIT's President Karl Compton adopted the creation of new industries as a key goal for the Institute in 1947, as mentioned in Spencer Ante's Creative Capital. Seventy-two years later the aggregated annual revenues of companies started by MIT alumni is 1.9 trillion dollars. 93 Nobel Laureates, 26 Turing Award winners and 8 Fields Medalist are affiliated with MIT, despite (I could say because of) the industry orientation.

MIT 100k competition has been a key engine for the development of new companies by students and researchers. It is celebrating its 30th anniversary this May.

Almost every University in the World has now some sort of entrepreneurship program and a competition inspired on MIT 100k. I particularly like Cornell's BOOM. Cornell has top agriculture and hotel management schools, two fields that add immensely to the idea reservoir at the student's disposal. BOOM 2019 ended last week.

In the next months, I will unveil exciting products and projects from our community. They can match those coming from any University in the World, including MIT and Cornell where I lectured in the past.

Sunday News is a selection of about 20% of the links posted daily by the Explora community. I can add you if you want (need to have a Facebook account). Newcomers can check previous Sunday News editions at Explora live.

Have a Great Sunday
Antonio Camara

On Education
The evolution of Hydrogen: past and future applications

What is the smallest number you can get by moving only two matches?

Mathematical problems to be solved with your hands

How to write like the great entrepreneurs

The job of the future is to be editor in chief

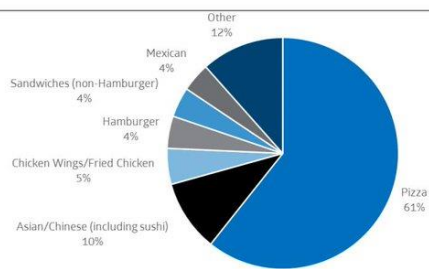87 job interview questions from hiring managers in Business and Tech

Coursera reaches unicorn status

Food
Blueberries as superfoods

Figure 41 Estimated Delivery Market Share Across Cuisines

Other 12%
Mexican 4%
Sandwiches (non-Hamburger) 4%
Hamburger 4%
Chicken Wings/Fried Chicken 5%
Asian/Chinese (including sushi) 10%
Pizza 61%

Source: NPD Group, Cowen Delivery Survey, December 2018, Cowen and Company

Delivery of food: market shares in the US show that 60%+ of the market is dominated by pizza deliveries

BeefChain receives first USDA certification for a blockchain company

Cauldron, a magic molecular cocktail bar in NYC (via Tiago Carita)

Mobility
The truth about the scooter economy, an insider's perspective

The three challenges keeping cars from being fully autonomous

New aircraft raises as a balloon

The Uber business, a great read

Tesla, software and disruption. Another great post by Ben Evans

Cities, Nature and Clean Tech
ECO gives gamers the challenges of climate change

Global Deal for Nature fleshed out with specific conservation goals

Adidas now offers fully recyclable shoes

Os Resíduos do Futuro (via Ana Silveira), an episode of the "Dream the Future" series available on You Tube here. It covers Medicine, Homes, Food, Fashion, Transportation, School, Energy, Love/Sex, Music, Sports, Entertainment, Art, Communication, Cuisine, Agriculture, Waste, Oceans, Heritage, Work & Cities.

[Smell my city app](#). See video [here.](#) See also the [Environmental Health Channel](#) (via Paula Neves)

[Finding Water Solutions through a Game of Squash](#), an interview with my great friend, Cornell Professor and legend Pete Loucks. Pete was a Navy pilot, pioneer in interactive computer graphics, and works all over the World solving water resources management problems. By the way, I always avoided playing squash with him even now when he is in his 90's. He would have "killed" me.

Developing new companies
@martin casado

CTO as a title is near useless. It can mean ...
- engineering leader
- chief scientist
- tech talent sent to pasture
- super SE
- academic
- someone too disruptive for product
- talking head
- architect
- ....

The only commonality is general lack of accountability.

I'm Peter Askew and [I sell onions on the internet](#) (great read, via Manuel Camara)

[8 of the fastest growing personal finance apps of all time](#) and their secrets to success

[Five problems](#) for the blockchain computer

[Social science lessons](#) for business

[Fired by an algorithm](#): the dystopian case of Amazon

AR/VR/AI
[AR robotics](#), a good overview

Augmented reality [(AR) and education](#)

[Nine AR technologies](#) for architecture and construction

[App uses smartphone cameras](#) to help home diagnostics

[Multimodal interfaces](gestures, gaze…) for augmented and virtual reality

[Immersive audio](#) may change music

[Beat Saber](#) was a hit at Jimmy Fallon's show this week (Brie Larson plays very well). Beat Saber can be played at YDX's [Arkave](#) platform after the partnership recently signed

[Tribeca Immersive 2019 Awesome List](#) by Charlie Fink

[Groceries and gadgets](#): robots are coming to a store near you

[Walmart's AI powered store](#) of the future

[How to hide from the AI surveillance state](#) with a color printout

Far out
You will be able to send messages from your brain: "[Scientists have found a way to decode brain signals into speech](#)"

Home of the future could be [powered by microbes](#)

[CRISPR gene editing is coming to the womb](#)

[Weaponizing your pets](#), a classic from DEF CON (one of the top hacker conferences) (via Tiago Carita)

[Kidnapping](#), a very efficient business

[Living machines](#) that eat, grow and evolve are created at Cornell University

[The firetruck of the future](#)

@BerdjOdabachian
I had to. Here's Lillard's game-winning shot with Titanic music.
https://twitter.com/i/status/11209209669162352
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