

Sunday News No. 77

January 12th, 2020

[Education in the Age of AI](#) is an interesting reflection on what should be the school of the future. The main argument is that if we are to be successful working with intelligent machines, perspective, that only generalists possess, is sorely needed. Provided that a collection of specialists also has to be educated to be able to create those intelligent machines, I may add.

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](#). They can also access Sunday News First Year Highlights [here](#).

Have a Great Sunday
Antonio Camara

Education

In a remote work world, writing well is an essential skill:

- Speaking only helps who's in the room, writing helps everyone.
- Poor communication creates more work.
- Internal communication should be based on long-form writing.

@jasonfried

[Installing air filters in classrooms has surprisingly large educational benefits](#)

[Duolingo sparks Gaelic boom as young Scots shrug off 'cringe' factor](#)

[How UT Austin is modernizing its video game design program](#). Great interview with [Doreen Lorenzo](#), Dean of the School of Design and Creative Technologies at UT

[Low-carbon, virtual science conference tries to recreate social buzz](#). About more conventional science conferences read [Science conferences are stuck in the Dark Ages](#)

[Definitive list of 50 books to understand the Universe](#)

Food

[Impossible Foods is finally making a new fake meat: pork](#). See also "[Lab-grown food will soon destroy farming – and save the planet](#)" and "[Rethinking agriculture](#)"

[Top snaking trends for 2020](#)

Mobility



[A two-legged delivery robot has gone on sale—and Ford is the first customer](#)



[Segway is back with a people mover straight out of 'Wall-E'](#)

Spectacular concept cars: [The spectacular Mercedes-James Cameron partnership;](#)
and [Sony's concept car](#)

[BMW augmented reality windshield concept adds gaze detection for natural interaction](#)

[Bike lanes are transforming Paris.](#) See also ["The quiet triumph of bike share"](#)

Cities, Nature and Clean Tech

[Queen of the sea: A history of Lisbon](#)



[The coolest architecture on Earth is in Antarctica](#)

[Street life after retail: 5 scenarios that imagine the future](#)

[Toyota plans to build a town in Japan for testing AI, robots, and sustainable energy](#)

[What's causing Australia's devastating fire weather?.](#) See also ["Using US map to examine scale of massive Australia wildfires"](#)

[These are the most innovative designs of 2019](#) (circular economy oriented)

Developing new companies

[The end of the beginning](#)

[16 bio myths and misconceptions](#)

[The tokenized NBA player](#)

[The traitorous eight & the start of something.](#)

[Business lessons from "Ford v. Ferrari"](#). A look at the popular film through a lens of systems thinking and process improvement.

[If Apple were a country: a one-party State.](#) Read also ["Can technology plan economies and destroy democracy?"](#) (agent and network based modelling could do it)

[100 lessons and spicy takes on being a software product manager](#). Recommended by Luis Camara

[Open source: from community to commercialization](#)

AR/VR/AI/Quantum Computing (DARQ)/IoT

"The tech platform of the 2010s was the mobile phone. While I expect phones to still be out primary devices through most of this decade, at some point in the 2020s, we will get breakthrough augmented reality glasses that will redefine our relationship with tech." Mark Zuckerberg. Read more [here](#). Via James Dubec

[The ultimate bundling of tech in the 2020's](#) will be smart glasses

[The best AR/VR at CES 2020: Nreal steals the show](#)

Glasses: [Bosch unveiled world's first all-day transparency smart glasses solution](#); [Samsung demos AR smart glasses at CES](#); [CES 2020: Panasonic unveils World's first Ultra HD VR eyeglasses](#)

[7 ways AR storytellers can learn from theater design](#)

[What went wrong with virtual reality?](#)

[Sony- Eye-sensing Light Field Display demonstration movie](#)

[Four 3D capture strategies for holographic displays](#)

[My shortlist of AI& ML stuff: books, courses and more](#), by [Oleksii Kharkovyna](#)

[Ynvisible at CES 2020](#)

[Why the quantum Internet should be built in space](#)

Far out

[The next decade of design will be about fixing the last century of excess](#)

[Things done fast](#). Portugal's Expo 98 should be in the list: a town was re-developed in five years

[Beautiful news](#). Unseen trends, uplifting stats, creative solutions... Via Margarida Guerra

[The superpowers of super thin materials](#)

[An Olympic first: cardboard beds for Tokyo Athletes Village](#)

[Epic Aerospace, a Y Combinator space startup, is building a satellite transportation network](#). An Argentinian born company reminding me of our neighbors [Omnidea](#)

[Celestron's StarSense Explorer brings telescope optics to smartphones](#)

CHINA'S SOCIAL CREDIT SYSTEM

It's been dubbed the most ambitious experiment in digital social control ever undertaken. The Chinese government plans to launch its Social Credit System nationally by 2020.

WHAT'S THE AIM?

The system intends to monitor, rate and regulate the financial, social, moral and, possibly, political behavior of China's citizens - and also the country's companies - via a system of punishments and rewards. The stated aim is to "provide the trustworthy with benefits and discipline the untrustworthy."

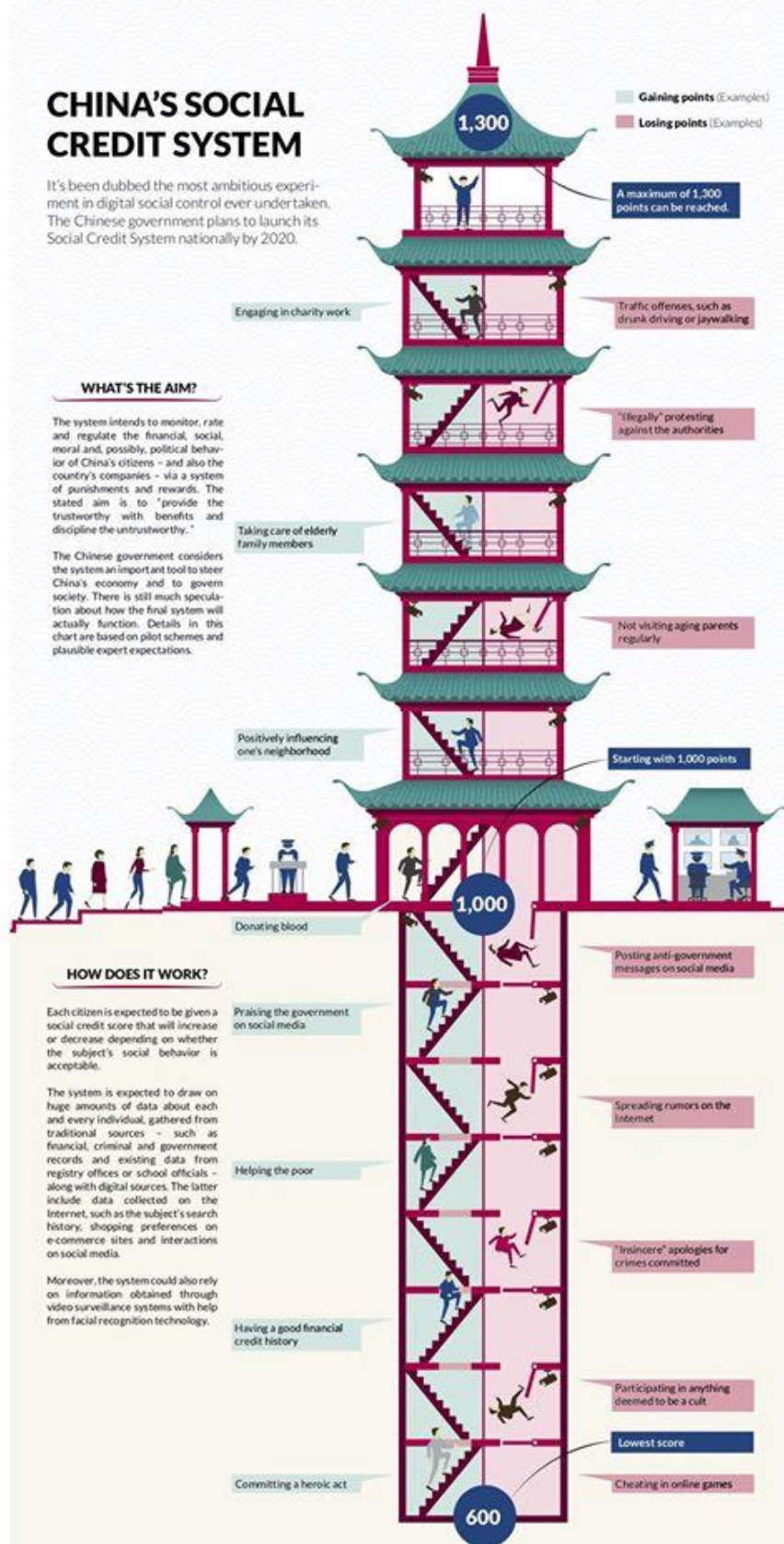
The Chinese government considers the system an important tool to steer China's economy and to govern society. There is still much speculation about how the final system will actually function. Details in this chart are based on pilot schemes and plausible expert expectations.

HOW DOES IT WORK?

Each citizen is expected to be given a social credit score that will increase or decrease depending on whether the subject's social behavior is acceptable.

The system is expected to draw on huge amounts of data about each and every individual, gathered from traditional sources - such as financial, criminal and government records and existing data from registry offices or school officials - along with digital sources. The latter include data collected on the Internet, such as the subject's search history, shopping preferences on e-commerce sites and interactions on social media.

Moreover, the system could also rely on information obtained through video surveillance systems with help from facial recognition technology.



REWARDS AND PUNISHMENTS

Citizens with high scores get to enjoy special "privileges" while those with low scores ultimately risk getting treated as second-class citizens.

HIGH SCORES CAN LEAD TO

- ★ Priority for school admissions and employment.
- 🏠 Easier access to cash loans and consumer credit.
- 🚲 Deposit-free bicycle and car hire.
- 🏊 Free gym facilities.
- 🚇 Cheaper public transport.
- 🏥 Shorter wait times in hospitals.
- 📄 Fast-track promotion at work.
- 🏠 Jumping the queue for public housing.
- 💰 Tax breaks.

PUNISHMENTS CAN LEAD TO

- 🚫 Denial of licenses, permits and access to some social services.
- ✈️ Exclusion from booking flights or high-speed train tickets.
- 💳 Less access to credit.
- 🚫 Restricted access to public services.
- 👮 Ineligibility for government jobs.
- 🏫 No access to private schools.
- 📺 Public shaming: exposure either online or on TV screens in public spaces of the names, photos and ID numbers of blacklisted citizens; phone dial tones mandated by authorities that inform people that they are calling a "dishonest debtor."