22 Innovative Technology Startups To Watch At CES 2019

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More than 1,400 startups from over 40 different countries will be showcased next week at CES, the world's largest annual consumer technology trade show, that runs through January 11. Over 4,400 exhibitors and 180,000 visitors are expected to attend. (Photo by Ethan Miller/Getty Images) GETTY

CES 2019 is literally just around the corner.

Although the world's largest technology tradeshow doesn't open for another few days in Las Vegas, I will be there from tomorrow to get a first peek at some of the 1,400+ startups that will be at Eureka Park, the startup showcase at CES.

But before I land at ground zero of the planet's biggest future technologies lab, I figured I'd highlight the 22 startup finalists that will pitch on stage at CES, competing at Richard Branson's Extreme Tech Challenge (XTC) and at ShowStoppers' LaunchIt, the official competition for startups exhibiting at Eureka Park.

1. ActiveProtective developed a wearable that protects the hips of older adults using wearable airbags, alerting caregivers, monitors behaviors, and promotes safer mobility.

2. BitLumens provides decentralized power to rural communities—for example, offering farmers solar home systems which they can pay in installments—which are not connected to the power line using the blockchain to provide them with a credit score.

3. Civic Eagle built cloud platform using artificial intelligence (AI) to reduce the time and cost of identifying, tracking, and analyzing important legislation and regulations for organizations that need to respond to quickly changing policy environments.

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4. Einride vows to disrupt the unsustainable transportation industry, making the movement of goods more intelligent (emission-free, safe, and cost-efficient) by building interconnected, all-electric, autonomous trucks or "T-pods."

5. Elevian develops regenerative medicines, with the potential to treat and prevent many age-related diseases and extend healthy lifespan, targeting a fundamental mechanism of aging: regenerative capacity, our body's ability to heal itself, which declines with age.

6. FenSens (for fender sensor) is a wireless parking sensor hidden in a license plate holder that helps drivers parallel park. It can be installed on any car in less than five minutes and is wire-free.

7. Last Of Ours brings people together to protect the planet's endangered species and natural zones by creating a digital mirror on the blockchain where every unique token represents a real endangered animal living in the wild, one-to-one.

8. Liven is a rewards-based lifestyle payment platform out of Australia that connects users, merchants, charities in a seamless payments experience powered by the blockchain. Liven allows users to discover new experiences, pay bills and earn a meaningful reward that they can use anywhere within Liven's network with a transparent dollar-value, or share with a charity of their choosing.

9. Loop Earplugs is an earplug for music that reduces decibels and avoids tinnitus without looking like a dork. According to the World Health Organization, 1.1 billion people risk hearing damage due to damaging sound levels at nightclubs, bars, and other events and earplugs are by far the best and easiest solution to prevent this.

10. Lynq built a tracker that provides a secure location for people or things without the need of a phone, networks or infrastructure (WiFi, 4G...), and no monthly fees.

11. Mitte built the first of its kind smart home water system that turns any water into mineral water, just like nature.

12. Moasure built the world's first motion-based measuring tool by leveraging inertial sensors and a proprietary algorithm to deliver an innovative new way to measure.

13. Padrone built a digital ring that replaces the computer mouse, reshaping the future of work.

14. Pigzbe created a "piggy-wallet" that teaches children ages 6+ the building blocks of modern money management.

15. QT Medical developed a compact, digital, and wireless electrocardiogram (ECG or EKG) that works with iOS and Android devices and that can perform a hospital-quality, full 12-lead ECG, all in the comfort and convenience of their homes. Doctors can also access the ECG tests and manage patients' data in the office or on the go using their mobile devices.

16. re:3D allows creators to make 3D printing objects from recycled plastics, directly from pellets or flake.

17. Tempdrop is a sleeping temperature sensor, app and Web dashboard that allows women to accurately track their cycles without waking up.

18. Waverly Labs developed Pilot, a smart earpiece language translator, at the convergence of speech translation and wearable technology.

19. Waycare built a platform that enables cities to leverage the enormous amount of data coming from various transportation modes, including connected and autonomous vehicles, to improve traffic safety and proactively manage the city's roads.

20. WeatherCheck built a monitoring service that checks for property damage due to bad weather with automatic notification and documentation to support insurance claims.

21. WeWALK reinvented the white cane for the visually impaired. Based in Istanbul, Turkey, WeWalk's smart cane can detect obstacles above chest

level using an ultrasonic sensor and vibrates to warn the user and get
navigation instructions without having to carry the smartphone in the hand.

22. Y-Brush built a revolutionary electronic toothbrush that does an in-depth
cleaning of all your teeth in just 10 seconds instead of the 2 minutes
minimum brushing time recommended by dentists.

Jean Baptiste "JB" Su is Vice-President and Principal Analyst at Atherton Research, a global technology consulting and intelligence firm advising clients plan, build and deliver successful go-to-market strategies. You can follow him on LinkedIn (https://goo.gl/z5zGlx) or Tw... **MORE**

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