

Weekly Discovery

We SHARE to inspire and ignite ideas!

28 March 2016 –1 April 2016

APPS

DNA App Store

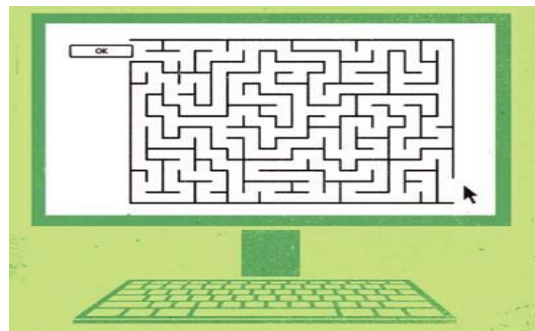


Discover your DNA story with this online store that makes it easy and affordable for you to know more about your health risks and predispositions. By simply sequencing and analyzing the customer's genes with his saliva sample, the app store can provide information about our health risks, our physical traits, and whom we're related to!

Source: [MIT Technology Review](#) (March/April 2016)

DESIGN

Dumb Design



Sometimes you may encounter an interface designed so badly that it is impossible to find what you need. You definitely don't want your interface design to be like that. This [article](#) shares some great tips to design a 'dumb' yet easy-to-use user interface!

Source: [Scientific American](#) (April 2016)

GREEN TECHNOLOGY

Dutch team unveils sleek solar-powered bike



A Dutch startup company teamed up with some engineering students to make a prototype for an electric bicycle that can independently charge in sunlight via solar cells on its front wheel. This is very innovative, since the solar cells are not bulky and an alternative charger will not be needed.

Source: [Euronews.com](#) (March 2016)

HOLOPORTATION

'Holoportation' demo makes live-video holograms look easy

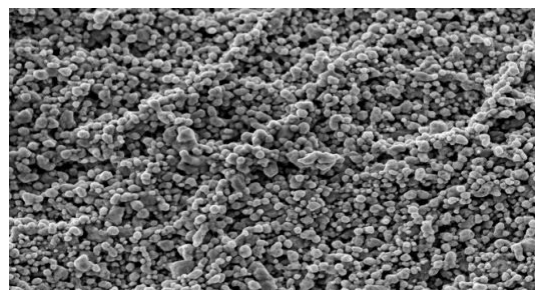


Long distance communication with loved ones and friends could be a whole lot closer with the use of Microsoft's holoportation technology! Watch the [video](#) to find out how it could be possible in the future to have a "physical" presence of someone faraway in another continent right next to you. The presenter shows a live demo of himself interacting and communicating with his daughter's hologram. You may also check out the research team's [webpage](#) to find out more.

Source: [Engadget.com](#) (March 2016)

NANOMATERIALS

No More laundry



You may never need to do the painstaking laundry again. How exciting! Researchers from RMIT have developed a self-cleaning textile that can be cleaned by exposing it to visible light. Nano-scale metal structures are created on the fabric, which can degrade organic matter with light in less than 6 minutes.

Source: [Ecouttre.com](#) (March 2016)

ROBOTICS

SmartBot: a smartphone robot with endless potential



Turn your smartphone into a robot with SmartBot! It is a programmable robot that taps on the smartphone as its brain, sensor and interfaces. At the same time, it also uses an innovative robot body made from high density foam with motorized wheels and ball caster to move around. It's exciting to know from this [video](#) that we can have a robot just by using a smartphone –wow so simple!

Source: [Overdrive Robotics.com](#) (March 2016)

