

# TECHSTORM UPDATE

..... Forecast - Winter 2017 .....

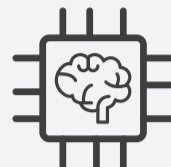
Based on my TECHSTORM™ 42 emerging technologies, these are the Top 10 to monitor closely in 2017. Be aware of the business implications!

01

## ARTIFICIAL INTELLIGENCE

Computers with cognitive capabilities

... suddenly "all" startups re-brand themselves to become more AI.



02

## AUTONOMOUS VEHICLES

Transportation without human intervention

... the industry will soon catch up on Google and Tesla.



03

## VIRTUAL REALITY

Computer-created reality, most often visual

... still looking for a mainstream audience beyond gaming and XXX.



04

## INTERNET OF THINGS

Things around us connected to the Internet

... established technology, and we start seeing great applications.

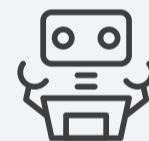


05

## SMART ROBOTS

Intelligent robots with human capabilities

... slowly gaining mainstream momentum, but still somewhat scary.

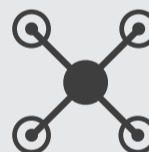


06

## DRONES

Autonomous or remote controlled aerial vehicles

... useful applications beyond paparazzi is around the corner.



07

## CLOUD COMPUTING

Remote data storage and processing

... user explosion, but is there any money to make for suppliers?



08

## NATURAL INTERFACE

New ways of interacting with your gadgets

... talking to Siri, Alexa and Cortana suddenly works, amazing!



09

## BLOCKCHAIN

Distributed database of transactions, i e Bitcoin

... long term prospects are good, but Bitcoin destroys public perception.



10

## GENETIC MODIFICATION

Change genetic traits to improve an organism

... CRISPR on the rise, but there's a lack of ethical and legal framework.



# TECHSTORM UPDATE

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Fascinating development among the remaining 32 technologies and in the cross-pollination of bits, atoms, neurons and genes.



## BITS

Further advances in information technology, software and communication.



Augmented Reality



E-Health



Mobile Payments



Quantum Computing



Speech Translation



Global Internet



Novel Computing



Online Education



Terabit Ethernet



Gamification



Wearables



## ATOMS

Everything in the physical world, from 3D printing to robotics and nanotech.



3D Scan and Print



New Energy Solutions



High Power Storage



Advanced Materials



Smart Dust



Nanobots



## NEURONS

The rapidly increasing understanding, and improved capabilities, of the human brain.



Brain Interface



Neurotechnology



Neurobusiness



Brain/Mind Upload



## GENES

Monitoring, analysis, understanding, treatment and enhancement of the human body.



3D Bioprinting



Biometrics



Gene Mapping



Human Augmentation



Longevity



Biochips



Brain Transplant



Synthetic Biology



Cloning



GMO



Quantified Self



Moving Up



Stable



Moving Down