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## 10 TECHNOLOGIES THAT I FIND INTERESTING

PRODUCT NAME : GOOGLE GLASS

COMPANY NAME : GOOGLE

REFERENCE ARTICLE : [https://en.wikipedia.org/wiki/Google\\_Glass](https://en.wikipedia.org/wiki/Google_Glass) , <http://www.hongkiat.com/blog/revolutionary-products/>

My Interest in Google Glass is a technology which can seamlessly integrate all the attributes of a smart phone onto a Glass and project it right before us. Google Glass Also uses voice pattern recognition as a mode of instruction for it to perform operations. It has already been used in Military Service to identify movements of birds and other animals in the field. Google Glass will integrate what we today know as a smart phone into a glass and we can wear and use it at a tap of a button instead of carrying it around with us. And it also Gives us the Sci-fi Feel of wearable technology that we have seen in movies from a very small age into reality !!

Video Demo: <https://www.youtube.com/watch?v=4EvNxWhskf8>

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PRODUCT NAME : DRIVERLESS CAR / AUTONOMOUS CAR

COMPANY NAME : GOOGLE , TESLA , UBER

REFERENCE ARTICLE : [https://en.wikipedia.org/wiki/Autonomous\\_car](https://en.wikipedia.org/wiki/Autonomous_car) , <http://www.hongkiat.com/blog/revolutionary-products/>

Tesla, Google and a few other Companies are in the process of developing a Driverless / Autonomous car which can drive on its own. I had recently been to a Tesla Showroom in Boston and saw the features of Auto-pilot in a Tesla Electric car which can automatically sense the surrounding Around the car and maneuver around the obstacles .it automatically Decelerates the car on the sense of a signal or obstacle in front of it. The Driverless car that Google is working on is a autonomous car which can drive on its own without human interference by using GPS, radar , odometry and speed control based on Topography. This will reduce the number of accidents on the roads and will increase the safety for a human life and trusting Machines is the future way of keeping the human life safe !!

Video Demo: <https://www.youtube.com/watch?v=ftouPdU1-Bo>

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PRODUCT NAME : 3D PRINTING

COMPANY NAME : FORM LABS

REFERENCE ARTICLE : <https://www.kickstarter.com/projects/formlabs/form-1-an-affordable-professional-3d-printer> , <http://www.hongkiat.com/blog/revolutionary-products/>

3D Printing is the new Hot cake technology that is upcoming in the Market of Technology. 3D Printers are already in use but they are only available with Companies which are ready to shell out enormous amount of money for the technology but FORM Labs is trying to create a printer which will be accessible to everyone and at a very low cost on researching i found that they are planning to get 3D Printers into the market for a very low cost of \$2500. Imagine we can print anything we want out of thin air !! While researching i also found a article where they are trying to print Food which is edible. !!!

Video Demo: [https://www.youtube.com/watch?v=s8zwlbs\\_QvM](https://www.youtube.com/watch?v=s8zwlbs_QvM)

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PRODUCT NAME : BALLOON INTERNET (PROJECT LOON)

COMPANY NAME : GOOGLE

REFERENCE ARTICLE : [https://en.wikipedia.org/wiki/Project\\_Loon](https://en.wikipedia.org/wiki/Project_Loon)

The Balloon project is a Initiative taken by Google which brings internet to even the remote corners of the world for people to Access. They have already started the project by deploying Massive balloons hovering over the surface in Sri Lanka and India which brings internet through telecommunication operators by relaying the signals onto the balloons. Google Plans to connect all the remote corners of the world with such balloons by giving Access to Internet to everyone in a easier way than laying out fibre optic cables all through the place which actually a painful and a very tedious task to complete. By this project Google connects more than a billion people to the internet which nowadays is a essential part of our lives and by doing this opens a lot of new Markets and goods that can be sold over the internet from even the remote corners of the world giving new opportunities to people to prosper .

Video Demo: <https://x.company/loon/>

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PRODUCT NAME : DRONES

COMPANY NAME : AMAZON , QUALCOMM

REFERENCE ARTICLE : <https://www.amazon.com/Amazon-Prime-Air/b?ie=UTF8&node=8037720011>

Personally to Me drones are very interesting as they are mini Gadget which you can fly around under your control. Amazon is currently patenting a drone technology which will be used to deliver goods all across cities right to the door steps of customers homes using Drones. Drones are already used in Military scenarios to deliver small payloads. Whereas Amazon has just patented a technology called ‘ Mothership’ which forms a connection of drones to carry huge payload. It will be Amazing to see Drones flying over our heads delivering Stuff !!

Video Demo : <https://www.youtube.com/watch?v=98BIu9dpwHU>

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PRODUCT NAME : TALOS SUIT

COMPANY NAME : UNITED STATES DEPARTMENT OF DEFENSE

REFERENCE ARTICLE : <http://www.hongkiat.com/blog/future-techonology-coming-true-soon/>

TALOS Suit AKA Iron Man Suit is being delivered by DOD of the USA which is a protective Gear which will be used by the US armed Forces in the Battlefield. The TALOS suit has amazing features Embedded in them such as Motion Control which is given to the Soldier, A thick Shield that guards the shoulder from harm and as well as Night vision and other Artificial Intelligence technologies in the suit which actually helps protecting a s Soldiers life in the field. This Suit is set to released in the year 2018.

Video Demo : <https://www.youtube.com/watch?v=28owOOPt1Gs>

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PRODUCT NAME : HYPER LOOP

COMPANY NAME : HYPER LOOP ONE

REFERENCE ARTICLE : <https://en.wikipedia.org/wiki/Hyperloop>

Hyper Loop is a pioneer in Fast Transportation Technology which transports people at very high speed between destinations. The technology is based on transporting people in pods inside vacuumed Tunnels at the speed of 1250KM/HR . This is actually a idea by the CEO of space X Elon Musk which the company Hyper Loop One is trying to achieve. If this Mode of transportation is achieved then traveling long distances will be very pleasant and can be completed at a short time and expense.

Video Demo: <https://www.youtube.com/watch?v=7A7GsAPR3J0>

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PRODUCT NAME : REUSABLE ROCKETS

COMPANY NAME : SPACE X. ( F9R DEV1 )

REFERENCE ARTICLE : <http://spacenews.com/spacexs-reusable-falcon-9-what-are-the-real-cost-savings-for-customers/> , [https://en.wikipedia.org/wiki/SpaceX\\_reusable\\_launch\\_system\\_development\\_program](https://en.wikipedia.org/wiki/SpaceX_reusable_launch_system_development_program)

We all know Rockets consume a lot of fuel and are very tough to build as precision and time for building rockets are extremely very high. reusable rockets by Space X and other companies have reduced the amount of resource wasted in building rockets drastically as the rockets which are already launched can be reused to launch other payloads into space. Basically a reusable rocket is the First portion a rocket which is used to propel the payload into deep space and deploy the payload and can be made to return and Land on water or Surface which as by name can be Reused Multiple Times to release and Deploy multiple Payload with One single

Rocket. Recently In the New i Saw Space X successfully Managed to Land a Rocket back on Water after deploying a Payload into Deep Space.

Video Demo: <https://www.youtube.com/watch?v=xh9wCq-RJ8U>

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PRODUCT NAME : PROJECT ARA

COMPANY NAME : GOOGLE

REFERENCE ARTICLE : <https://atap.google.com/ara/> , [https://en.wikipedia.org/wiki/Project\\_Ara](https://en.wikipedia.org/wiki/Project_Ara)

Project ARA is a modular phone design by Google which gives the user of the phone the access to Modify the device as per his needs. The phone can have various modular components which can be designed by anyone and plugged in. Basically its a phone which gives the user all the right to upgrade and design the phone based on his requirements for a much cheaper price.

Video Demo: [https://www.youtube.com/watch?v=intua\\_p4kE0](https://www.youtube.com/watch?v=intua_p4kE0)

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PRODUCT NAME : CONCEPT I

COMPANY NAME : TOYOTA

REFERENCE ARTICLE : <http://www.toyota.com/concept-vehicles/> , <http://www.popularmechanics.com/cars/hybrid-electric/news/a24611/toyota-concept-i/> , <http://www.ces.tech/Show-Floor/Marketplaces/Self-Driving-Technology>

Toyota has released a new Concept car I in the CES 2017 Show which interacts with humans with a in built AI called Yui. It is a interactive AI which communicates with the User and keeps the user's Attention and understands the Human Needs in the Car. It Also displays a Sign Hello on the Window when someone approaches the Car. The Car is POD shaped and has a futuristic design aimed at achieving High Speeds and Mileage together. The New car is a autonomous car . But Toyota has problems with AI as to when the driver has to take control of the car from the AI in case of any Unforeseen incidents. The Car is surely futuristic and i am hoping the car is released with all necessary Modifications for a better , safer and a stylish road transport.

Video Demo: <https://www.youtube.com/watch?v=fSFelxFPkWQ> , <http://www.ces.tech/Show-Floor/Marketplaces/Self-Driving-Technology>

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