



Tech is changing all of the time, if you think about the tech that was available 10 years ago, it looks a lot different to today! Imagine what the tech world might look like in another 10 years. What new pieces of technology may be created and what new jobs will this create?

Here are 5 pieces of up and coming tech to keep an eye out for...

## Artificial Intelligence

Artificial Intelligence or AI involves the development of computer systems able to perform tasks normally requiring human intelligence, such as visual perception, speech recognition, decision-making, and translation between languages. AI is becoming more and more widely used and is going to be used more and more for things like creating synthetic digital content.

## Xenotransplantation

Xenotransplantation is any procedure that involves the transplantation, implantation or infusion into a human recipient of either live cells, tissues, or organs from a nonhuman animal source. This could revolutionize the medical world and change how we treat many different illnesses or injuries.

## Holograms

"Holography is best known as a method of generating three-dimensional images and is a technique that enables a wavefront to be recorded and later re-constructed.

The issue with most holographs right now is the amount of data that they require to make, especially when done on a large scale.

To combat this, holobricks would provide individual sections of one large holographic image, which reduces the amount of data needed. This could eventually lead to the use of holograms in daily consumer entertainment like movies, games and digital displays.

## Wearable Technology

Wearable technology is already popular, we've even recently seen the introduction of clothing that can easily light up, project sound and even mimic the sensation of getting a hug! This is due to expand to clothing that can do a whole range of other things! Researchers at MIT have created a fabric that is able to detect a heartbeat, clapping or even very subtle sounds. It has been suggested that this could be used wearable tech for the blind, used in buildings to detect cracks or strains, or even woven into fishnets to detect the sound of fish.

## Hydrogen Planes

We all know that climate change is a huge problem that is the driving force behind many pieces of innovative tech. In the future it is suggested that we may be able to use hydrogen planes as a more environmentally friendly way of travelling short and long distances!