

## HOW AUGMENTED REALITY WILL CHANGE EDUCATION COMPLETELY

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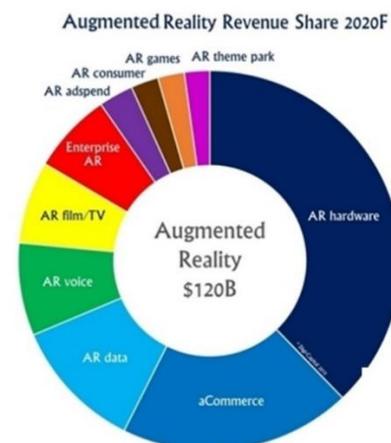
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This article describes the nature of Augmented reality. Its important role in the development of modern society, education, science and industry is emphasized.

All of us are 3D creatures. Our brain is the most powerful 3D computer in the world. In fact, when we look at information on a flat piece of paper on a computer screen it takes some time for brain to translate that back into 3D for us to use it. Augmented Reality (AR) blurs the boundary between the physical and digital worlds. This technology will dramatically change how we interact with data, it will decrease our learning curve and it will increase our brains productivity. I believe that augmented reality is going to be the next big platform for productivity in general, but for sharing information in particular. Like Iron Man we will soon be surrounded by data in 3D models that we can actually grab and interact with.

Nowadays communications experts are looking for some sort of solution to make knowledge transfer easier, faster and more universal. Augmented reality will completely change how we learn, how we work, and perhaps how we think.

Already now you can find many different useful augmented reality apps such as the Civilisations AR app from the BBC gives you the ability to admire various historical artifacts, locating, rotating and resizing them as you see fit. There's an extremely handy tutorial which guides you through checking out an Egyptian mummy and even seeing inside it with an X-ray function. There are a great number examples of what you can do with 3D models in the world and the worldwide database of 3D models is only growing by the hour. The market potential of augmented reality and its industry can be seen in the diagram (picture 1).



Picture 1 – augmented reality revenue share

This toolkit will let you build truly immersive augmented reality experiences, applications that actually work best with your brain. Augmented reality is currently in the developer phase. Some of the smartest people in the world are creating apps and applications that will dramatically change the way how we interface with data, but soon this technology will be available for all of us.

Through augmented reality and neuroscience we can create amazing things. We will improve education and productivity, and we will unlock amazing untapped potential within the next few years. Imagine a surgeon, explaining an upcoming brain surgery with a 3D brain scan to her patient. Imagine a professor teaching the human with a DNA string floating in front of his students. The applications are truly endless. This is the future we are going to live in, it is up to us, the thinkers, the artists, the scientists and the educational experts to create something meaningful something that will let us build a more connected and a better world.

### References:

1. Florian Radke [Электронный ресурс] TEDxGateway Mumbai, Dec. 2018. – Режим доступа : <https://youtu.be/5AjxGqzqQ54>. – Дата доступа: 25.02.2019.