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Future of Augmented Reality

Today virtual reality is very popular, but it is used mostly for entertainment. In future augmented reality referred to as the integration of digital information with the user's environment in real time will be the most popular thing in the world. Referring to these definitions, unlike virtual reality, which creates a totally artificial environment, augmented reality uses the existing environment and overlays new information on the top. By this way our life can become more interesting and informative. With the help of advanced AR technology (e.g. adding computer vision and object recognition) the information about the surrounding real world of the user becomes interactive and digitally manipulated information about the environment and its objects is overlaid in the real world.

The first big project in this sphere was made by Google Inc., but in 2015 their project – *google glass* was frozen. Two months ago Tim Cook, a head of Apple, shared his opinion with the *"Independent"* magazine on smartphones compared the significance of AR with smartphones which capture the market in different corners of the world. These all lead us to one conclusion – augmented reality will be improved in different spheres of life.

The facilities of the augmented reality may find their implications in medicine, architecture, travelling, economy, engineering, art and education. As a result, surgeries will be more safe, architectures will be able to design buildings with all details before starting their works, museums can show their previews and tourists will see all variants, what to visit. Economists and engineers will have all information about product before their eyes. Designers and painters will have ability to make experiments with colors without using of paints. In educational settings, AR has been used to complement a standard curriculum. Texts, graphics, video and audio materials were superimposed into a student's real time environment. The sphere of AR applications is not limited to this list. The most comfortable way of using AR is using it by glasses, but in future humanity can produce something more comfortable.

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