



ADVANCED CONTEMPORARY & EMERGING TECHNOLOGIES

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MOST TRENDING TOPICS TO BE LEARNED AS A SOFTWARE ENGINEER

1.ROBOTICS

Robotics is a branch of engineering that involves the conception, design, manufacture and operation of robots. The objective of the robotics field is to create intelligent machines that can assist humans in a variety of ways.

2. DEEP LEARNING

Learning. With hardware speeds reaching new heights and more data being collected than ever, deep learning technologies are a top priority of tech giants like Google and Facebook, but also anyone who wants to take advantage of data.

3. ARTIFICIAL INTELLIGENCE

Although first founded as an academic discipline in the 1950s, Artificial Intelligence (AI) is really starting to gain momentum. If you fancy yourself helping shape the future of all humans, AI is where you can make an impact. And according to Indeed, the demand for talent and the cash to pay for it is certainly there.

One approach to AI, called Machine Learning, specializes in helping computers learn from data, identify patterns, and make decisions without the need for constant programming. It's being applied to everything from self-driving cars and content recommendations, to healthcare and the environment.

4. AUGMENTED REALITY

With 1 billion users expected by 2020, it's a great time to match your skills to this this field and be a part of creating richer experiences for all. AR is helping consumers visualize furniture in their home before they buy, try out different clothing or makeup looks, or help surgeons practice and plan surgeries before making the first incision.

EVOLUTION OF SIXTH SENSE TECHNOLOGY

Steve Mann implemented Sixth Sense Technology in the form of a neck worn projector with the camera system. His work was carried forward by Pranav Mistry, An Indian Research Assistant in MIT Media Lab and was coined as WUW (WEAR YOUR WORLD).



A PHONE DIALER



PROJECTON OF WATCH



SIXTH SENSE

Sixth sense is a wearable gestural interface which connects the physical world with digital world based on the concepts of Augmented Reality. Sixth Sense technology is a method of teaching system to recognize and perceive real world objects and respond appropriately. Sixth Sense connects the physical and digital by bringing the intangible world. It allows us to interact the information using hand movements. The SIXTH SENSE/WUW(WEAR YOUR WORLD) uses gesture recognition, augmented reality, computer vision, Cloud computing and radio frequency. It can be integrated with voice recognition and use of Bluetooth devices and laser projectors.

