

Sports Technology: How It's Changing the Game

Sports technology is changing the way sports are played and analyzed. Currently, sports technology helps track scores, prevent injuries, analyze data, and increase fan engagement in the game.

No matter what it is measuring, sports technology is changing how we perceive, view, and analyze athletics. In addition, each game has its own advancing technologies and companies that strive to change the way sports are played.

What is Sports Technology?

Sports technology consists of a variety of tools used to analyze athletics technologically. This technology can be made wearable to measure aspects of the game such as player movement or speed. It can also include sensors that measure aspects like heart rate, pressure, or GPS (global positioning system).

Sports technology also includes larger tools that measure whether or not a goal was scored, or allow officials to slow down the play to reexamine what happened.

Types of Jobs In Sports Technology

Sports technology adds a variety of jobs to sports. These jobs can be full-time careers which are perfect for those looking to work full time in sports or who love technology. Some of these jobs include:

- Production Technician
- Software Developer
- Stage Production Engineer
- Arena Technical Coordinator
- Sports Information Technician
- Customer Support Technician

Each job has a role within an organization that requires expertise in both sports and technology. For example, a customer support technician must understand the organization to assist customers with their questions. Likewise, a software developer must have extensive expertise in technology and computers to develop software that teams and facilities can use.

Sports Technology Salary

Someone who works in the sports technology industry can make an average salary of \$43,000. However, sports technology offers a variety of jobs and opportunities to advance in the field. With the right degrees and experience in the field, you could make upwards of \$60,000.

How Technology is Changing Sports

Sports technology has increasingly advanced over the past decade. Now, sports technology has become embedded in sports through wearable sensors that can precisely track an athlete's movement.

The new technological advancements have not only changed the way that sports are played, but have enhanced viewers' participation in sports. As technology continues to advance, sports will advance and become even more precise in how they are played and enjoyed.

Latest Technology In Sports

Since the advancement of sports technology, many athletes have begun to wear devices to help them track statistics. Athletes and coaches can use this technology to track specific movements on the court, ice, or field. Anything from trackers, chips, or bands can be worn to utilize this technology.

Although many people are familiar with smartwatches, those are also considered wearable technology in sports. They can help track step count, calories burned, miles walked, all of which contribute to data that can be analyzed.

In a sport such as race car driving, technology such as radios or headsets are built into helmets to keep drivers in touch with their pit crew. Innovators are constantly trying to make their technology wearable in order to get more accurate measurements and more data.

Additional sports technological advancements are those that enhance fan engagement. One example of this includes loyalty programs or member groups. Fans can become members of exclusive fan clubs of a sports team. In addition, they may get certain perks or merchandise, enticing others to become a part of it.

In the past decade, other sports technological advancements such as fantasy leagues have been on the rise. This allows fans to feel even more of a connection to their favorite players or teams alongside their friends and family.

Instant replay has been another technological advancement that has drastically changed the way many sports are played and refereed. After a difficult play, officials will often utilize this technology and slow down the replay, which allows them to evaluate what happened during a play more closely. Although some of this technology is controversial, it has helped referees to make difficult calls in challenging moments.

For those with disabilities or different accessibility needs, sports can be challenging. However, new technologies have become advanced enough to allow differently-abled fans to participate in the game. For instance, technologies such as audio playback encourage blind fans to attend professional sports events. Other advancements such as mechanical prosthetics help participants engage in the same movements that are needed to compete.

Top Sports Technology Companies

Noraxon is one of the leading sports technology companies. They have launched software that evaluates human motion and draws data from it. EMG (Electromyography) sensors, video technology, pressure measurement, and 3D motion analysis systems work together to consolidate data sources to provide the athlete with an analysis of their movement.

SKEO is a rapidly growing startup that invented an online ski platform. This platform utilizes tracking and coaching during a ski run. Their technology uses video footage to ski patterns through built-in phone sensors.

Similar to SKEO, Exer Labs launched a computer app for online group workouts. This app also uses video to analyze body movements and track patterns. Their technology helps correct form. Their paired technology utilizes group fitness classes. Coaches can see how engaged each participant is through the analysis technology, which looks at their form and analyzes effort.

Action Audio has created sports technology that allows someone who is visually impaired to follow along with a tennis match. This technology gives fans live contextual coverage of the game, including commentary and explanations of what they are hearing. Utilizing this technology provides the visually impaired and differently-abled access to sports in a new and immersive way.

How to Land a Career

With the right experience in sports and technology, landing a job in sports technology is a breeze. A company such as Jobs in Sports has provided a network of sports-related employment to help you advance your career.

They offer a wide variety of opportunities for those seeking jobs and employers alike. To get in touch with Jobs in Sports or see what they are offering, click the link [here](#) to begin.