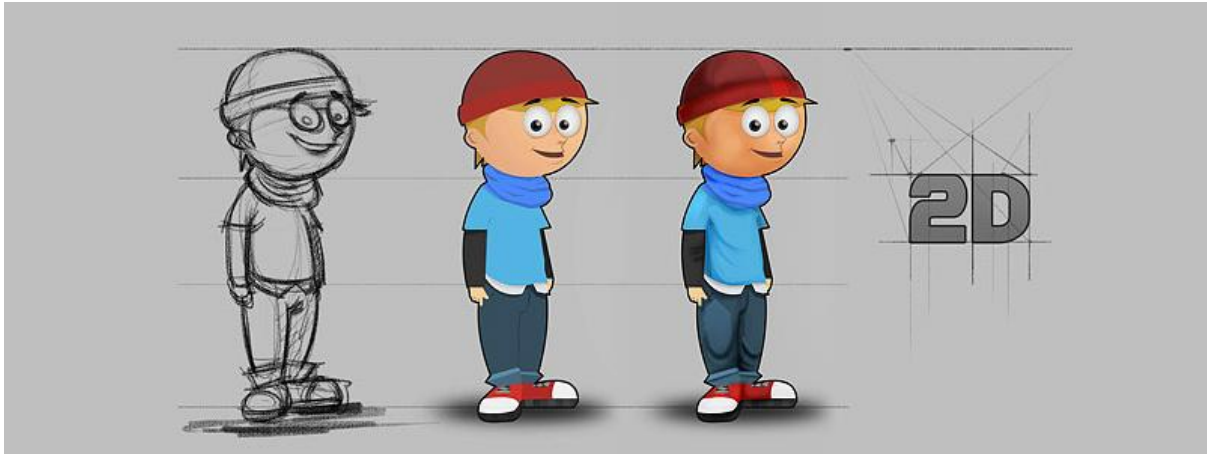


Types of animation in multimedia

Animation is a dynamic activity that calls for optimization of skills, unleashing of innate creativity and bringing passion to life. Animators facilitate creation of those breezy plots with characters that one may not come across in mortal plane. Animation techniques have evolved over time and proficient animators can easily secure lucrative jobs in renowned studios. If you ask any industry expert to **explain the different types of animation**, he will definitely classify the whole thing into two- 2D and 3D.



2D Animation



In this mode, characters are portrayed within scenes plotted in 2D visual environment. Complete visual extravaganza inclusive of effects (audio-visual), characters and ambience are created through specialized software.

During major chunk of 20th Century, animators used cels or transparent acetate sheets superimposed with paper containing drawing snaps. With the advent of computers, the method was scrapped. Instead, animators started harnessing the digital potential for image manipulation. With computers, the need for numerous image creations has been eliminated and brilliant animations can be prepared expeditiously. Sophisticated **2D animation software** has streamlined the process of image drawing for 2D artist.

This software comes bundled up with impressive toolboxes carrying an array of useful features. Such tools make morphing, smooth image transition and timing control a cushy job. An artist can resume his work from the last point and even revert to previous version if something goes wrong by availing of the features that allow saving and loading work. The spectacular software library of predefined visual elements also offers added advantage. However, sophisticated software has steep learning curve associated with it. A good 2D

artist is conversant with the functionalities of the entire array of tools that accompanies the software and thus can experiment countless **2d animation styles**.

The list of renowned 2D animation software includes Flip Boom Cartoon, SketchBook Pro by Autodesk, Anime Studio, Tab Pro, Photoshop etc.

Use of 2D animation

2D animation finds useful application in multiple industries that thrive on creativity. You may have come across amazing cartoon shows, riveting video games, movies, and anime; all of them are created in 2D animated perspective. The agility of 2D animation enhances its appeal for entertainment, multimedia and video broadcasting sectors.

Different **types of 2d animation** shows like The Simpsons are commonly broadcasted over television. Japanese anime series like Dragonball Z based on manga comics are also portrayed using this.

Movies like Snow White and the Seven Dwarves which have left an indelible impression on the psyche of audiences and have been profusely praised by critics also have relied on the power of 2D animation. Most popular animated feature series worldwide have consistently emanated from the reputed studios of the Disney. A close competitor of Disney is the Japan based movie studio, Ghilbi. Classical hits such as Castle in the Sky and others have been produced by this studio.

Super Mario, The Legend of Zelda and other video games reminiscent of the golden era of kiosk gaming had their captivating art created through 2D

computer graphics. Indie groups still produce 2D animated games in a time when 3D animation holds sway over the market.

Career opportunities

If you have a flair for **2d animation programs**, you are going to get lucrative packages from renowned companies. Your prospect of landing the dream job increases if your love for computer graphics is supported by a college degree. This perception thrives because companies assume that a prolonged exposure to contemporary animation techniques and computer graphics make you relevant for their professional needs. As a graduate, you can exhibit your artistic repertoire and technical soundness with confidence when you apply for a job. Mastering popular animation software and consistent skill enhancement would get you placed in the industry, for sure. Job profiles for you vary from game development engineer, animation artist, studio director for TV and film companies, and multimedia experts.

3D Animation



It is the most advanced and preferred **types of animation in multimedia**. Three dimensional entities manipulated in computer software aided virtual

environment give rise to 3D animation. Initially, a 3D polygon mesh that features interconnected vertices is created to get a tentative shape. Rigging of the mesh is subsequently carried out by bestowing skeletal support and armature for easy manipulation and to render the form in particular poses. Once, concomitant items and environments have been developed, computer program is used for creating scenes that produce effects more vivid than 2D animation. This procedure is classified as CGI or computer generated imagery that surfaced in the 90s. Prior to this, Claymation as well as **stop motion animation** were deployed for accomplishing a resemblance of motion by manoeuvring pictures of real life entities. 3D animation is ubiquitous now and can be seen everywhere from television to games.

For creating different **types of 3d animation**, you need a computing device and suitable 3D software with inbuilt tools that allow to model, simulate and render objects along with making provisions for adequate light, visual impact, physics and manipulation of related components. Scenes and entities that are realistically closer to life are products of 3D animation.

High octane movies such as Avatar and Star Wars would have failed to impress the audiences if 3D animation would not be present in such dramatic manner. Larger than life scenes have been executed in such facile manner that viewers were left awestruck. Even in gaming scenario, 3D characters allow for new level of fluidity which was unthought-of with 2D animation. But to gain a firm grip over 3D animation and [flash animation services](#), one has to laboriously apply himself to learn the intricacies of high-end 3D animation programs. Further, the prices of the software go through the roof which implies that one needs a fat wallet to purchase them.

Some of the top notch 3D software includes Autodesk 3D Studio Max and Maya, SketchUp Pro, Cinema 4D, and Lightwave.

Uses of 3D animation

[3d design services](#) are extensively used in a number of industries with the spectrum encompassing gaming, film making, television series, interior décor designing, multimedia, medicine, business to high-end accurate architecting. 3D animation has made the creation of trailblazing movies like Jurassic Park Series possible. Game industry is unthinkable of without vibrant **3D software programs** and experts capable of making the most out of them. Popular games like Call of Duty and Super Mario 3D World have been crafted in 3D. Some of the adrenalin racing television shows like Legends of Awesomeness of Kung Fu Panda series has been created in 3D.

Career opportunities

3D animation is a specialized field and to gain entry into relevant industry, it is preferred to have a bachelor's degree under your belt. A degree is the attestation of your skills and showcases your knowledge about the core and complex concepts of 3D software. Studios where different **3D animation styles**, games and shows are developed have dynamic and vibrant ambience and they seek for professionals who are adept in handling 3D programs with ease. This is to ensure that their fast paced schedules are not compromised due to want of skills. Amateur 3D artists would find it difficult to bag a lucrative job in the industry.

Other prevalent methods

Stop-motion



You have to pose the item/ character in particular way against the backdrop and click snap. Pictured items are strategically altered and then the next frame is captured. As the frames are moved in a series, audiences get the impression of animation.

Claymation



In clay animation, the process is similar to stop-motion with clay being utilized for entities, characters and backgrounds. The method has been used in movies like *The Nightmare Before Christmas*.

Cel animation



Prior to computer driven animation, this method was popularly used for 2D animation. Images minutely varying from each other are traced on transparent sheets and then animated; but the technique is expensive and time intensive.

Paint on Glass Animation



Oil paints are created on glass sheets and made to dry slowly for creating a feel of motion. It is a rare but popular technique. 7 award winning films have been created by AleksanderPterov, a Russian artist.

It would be time draining and energy to learn these techniques. However, make sure that you learn techniques and get skilled with latest software. An [animation design company](#) would be interested in hiring only those experts who are skilled in relevant and latest technologies.