# How can I become a video game designer?

Video game designer education requirements vary according to your game design job specialty. Game design training programs focus on three main disciplines - design, art, and programming. Your personal interests, passions and employment goals will determine which video game design training program is the best fit to get hired for the job you want. Here is a breakdown of video game designer education requirements by game design specialty:[\n]

Video Game Designer[\n]

A college degree or certificate in game design or creative writing will help you get hired as a video game designer. Skills to look for in a video game designer education program include game theory, storytelling & storyboarding, game planning and strategy, creative content writing, brainstorming & creative thinking, and game design project management.[\n]

Video Game Programmer[\n]

For game design programming jobs, the education requirement is typically a bachelor's degree in video game development, computer science, software engineering, mobile application development, game & simulation programming, or a similar programming-focused area of study. Video game programmers should be fluent in the object-oriented programming (OOP) languages commonly used in video game design, such as Java, C and C++.[\n]

Video Game Artist[\n]

Education requirements for game art jobs ideally include a specialized 2- or 4-year game art degree, however a traditional art school degree is acceptable in many cases. Video game artists must first master traditional art techniques and principles, such as form, perspective & color theory, before they can apply these skills to game elements like characters & environments. A prospective video game artist's most crucial asset is his or her design portfolio; the stronger and more relevant your portfolio, the less you will have to rely on your formal education to land the job. The ability to effectively use modern graphic design & computer animation software, such as Adobe Flash, will also help you get hired as a video game artist.