



Video Game Designer

We are Velan Studios, an independent game developer with a passion for the unconventional. We make innovative games in a variety of genres with accessibility and depth to delight our audiences, no matter who they are. We believe in maintaining a creative, collaborative, and diverse team environment at our studio, and we are looking for passionate and capable people to join our team of experienced AAA console developers.

We are seeking a talented Game Designer who will design, implement, and maintain the software functionality of the games.

Responsibilities:

- Design, implement, and maintain the software functionality of the game(s).
- Take ownership of multiple design iterations, multiple implementations passes, and continuous maintenance for player-facing and developer-facing computer application systems.
- Develop video game character mechanics, AI-driven agents, game modes, and user interface.
- Work collaboratively with programmers, designers, and artists to develop video games.
- Gather and analyze requirements and form software design hypotheses and cost estimates.
- Write formal software design documentation.
- Design and construct proofs-of-concept.
- Write automated tests and debug code to verify code performance.
- Write documentation for new code.
- Fix bugs, improve performance, optimize code, and make upgrades to meet target CPU, GPU, and memory usage budgets.
- Work closely with content creators to optimize gameplay and performance.

Job Qualifications:

- Requires a minimum of a Bachelor's degree in Computer Science, Software Engineering with one year of industrial or graduate level academic experience in computer graphics and video game development, to include:
 - C and C++ programming languages;
 - shading languages (GLSL, HLSL);
 - and commercial game engines (Unity, Unreal Engine).
- Passion for making and playing great games

To apply for this position, send your resume to jobs@velanstudios.com. Be sure to reference the position you're applying for in the subject line.

About Velan Studios:

Velan Studios' mission is to create ground-breaking game experiences centered on new forms of play across both existing and emerging platforms. Velan Studios is an independent studio comprised of a diverse team of seasoned developers who have worked at various AAA studios like Vicarious Visions, Naughty Dog, Harmonix, Nintendo, Guerilla Games, Avalanche Studios, Retro Studios and more. Velan Studios is based in Troy, NY.