

List of Certification Skills for

# Video Game Design III

---

- ✓ Implement game design principles and elements in the development of games
- ✓ Understanding the ethical and copyright issues that surround the Gaming Industry
- ✓ Proficient in game story writing
- ✓ Possess the ability to storyboard game concepts
- ✓ Write, run and test programs using Game Maker Language (GML) and C# programming language.
- ✓ Read and understand programs written in C# object oriented programming language
- ✓ Understand and implement the steps in the software engineering design cycle
- ✓ Design and develop 2D games using Game Maker
- ✓ Design 2D models and posters using Photoshop and or Paint
- ✓ Design logos and 2D game characters in Adobe Illustrator
- ✓ Design 3D models using Blender
- ✓ Design game assets in Unity
- ✓ Develop and export 3D games using Unity and C#
- ✓ Design and develop Mobile games
- ✓ Possess the ability to market games
- ✓ Possess the ability to work effectively as a member of a game design team.