

CS 657x Project Summary  
Chad Austin  
2004-12-16

Empyrean is a multiplayer, side-scrolling, adventure game. It has traditional 2D gameplay elements such as platforms and jumping puzzles, but it uses modern 3D hardware to render the scene. For this class, I developed a vertex shader for blowing wind through geometry such as trees and grass, a post-process full-screen glow effect, and a basic particle system that can collide with world geometry.