



ETHAN KUCHTA

Game Developer + Graphics Programmer

CONTACT

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📍 Cincinnati, OH (can relocate)

SKILLS

Languages

C++ C# Java

Technologies

HLSL Vulkan MySQL

HTML / CSS PHP

FL Studio Trello Jira

Game Engines

Unity UE5

EDUCATION

Bachelor of Science (B.S.)
Game Development
Full Sail University
2024-2026 (expected Dec. '26)

I'm a current student of Game Development at Full Sail University, with experience in C++, C#, and Java to develop games in Unity, Unreal Engine, and custom game engines using the Vulkan Graphics API. I have experience using HLSL, as well as the EnTT ECS for creating custom rendering engines. I also have over 5 years of experience as a professional director and actor working in live theatre in Cincinnati, Ohio.

PROJECTS

MONI

Graphics Programmer, Audio Systems Programmer, Composer

A university project that is a recreation of the arcade game Venture using C++ and the Vulkan Graphics API. Made with a team of 4 over the course of a month. Major contributions include: rendering pipeline with slots for albedo, roughness, metallic, and normal, UI render pipeline, UI design, audio systems design implemented with SoLoud, material batching, and sound effects and music creation.

TWISTED WIZARD

Designer

A supplementary media project for The Children's Theatre of Cincinnati's 2026 production of *Diary of a Wimpy Kid: The Musical*. Responsible for designing and programming a vertical slice of a fake video game to be played on stage. Involved extensive work with Shader Graph and Visual Effect Graph, modeling in Blender, UI design, and physical display setup for use during live shows.

WORK EXPERIENCE

The Children's Theatre of Cincinnati

Company Member, Cincinnati OH

- Design, coordinate, and execute a production plan by communicating with over 25 industry professionals across 11 departments as assistant director
- Collaborate with a group of over 30 theatre artists on 4 Mainstage Productions per year to reach audiences of over 100,000 patrons and students in the Greater Cincinnati area
- Direct a cast of 30 professional actors ages 10-35 to create a high-quality and educational entertainment experience

Dec 2022 – Present

Southminster Presbyterian Church

Choral Section Leader, Centerville OH

- Assemble a rotating repertoire of up to 20 hymns and anthems to lead fellow choir members
- Perform a variety of choral pieces to create a meaningful experience for church patrons
- Communicate areas of strength and weakness to choral director to improve quality of group performance

Feb 2022 – Present