


Caiyu Zhang

Environment Artist & 3D Artist

She/her/hers

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Academic Projects

Building Virtual World [3D Artist]

Fall 2022

- Junk - Bot, Quest 2
A VR action game about saving your robot friend
 - Designed the game environment
 - Created the environment assets with Maya
 - Sketched, modeled and animated characters
- Road of the Blood, Quest 2
A AR action game about escorting vampire back to its castle
 - Textured the game scene
 - Set up the spooky atmosphere
 - Mapped out the game world for naive guests
- Bounce Off, 3D Rudder
A platform battle game about cute aliens ride bumper UFO
 - Enriched visual effects using shader graph
 - Configured and produced the game in one week
 - Collaborated with programmers and sound designer

Education

Master of Entertainment Technology

Expected Graduation Spring 2024

Carnegie Mellon University, Pittsburgh, PA

Bachelor of Architecture

Fall 2017 - Spring 2022

Rensselaer Polytechnic Institute, Troy, NY

- Dean's List Fall 2017 - Spring 2019
- Archived Project: Mycelium Pavilion
A 13-people construction project about exploring architectural possibility of mycelium
 - <https://www.arch.rpi.edu/2019/09/2019su-summerstudio/>

Experience

Architect Intern [Designer, Modeler]

Spring 2021

- Holmes Miller China, Guangdong
 - Assisted 3D modeling work: residential buildings, bridges, and park landscape
 - Led and instructed team to build prototype model of the proposed bridge
 - Helped layout and arrange site plans for plots to be developed

Architect Intern [Designer, Modeler]

Summer 2020

- Chendgu Architectural Design & Research Insitutue, Sichuan
 - Assisted 3D modeling works: building facade, dormitory, and overpass
 - Produced analysis diagrams: program, circulation, and sunlight
 - Organized and helped the presentation sliders

Tools

Rhino
Maya
InDesign/AI/PS
Unity
Blender
Substance Painter
V-ray Render
Enscape Render
Keyshot Render

Skills

Problem-solving
Communication
Adaptability
Teamwork

Languages

Chinese
English
Japanese

Interests

Game Development
Game Architecture
Cinematic Art