

Justin Yook

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EDUCATION

Carnegie Mellon University - Entertainment Technology Center, Pittsburgh, PA

Master of Entertainment Technology May 2023

Carnegie Mellon University, Pittsburgh, PA

Bachelor of Science in Statistics December 2020

Minor in Game Design

RELEVANT COURSEWORK

Building Virtual Worlds

Visual Story

Understanding Game Engines

Game Design, Prototyping, and Production

Research Issues in Game Development

ACADEMIC PROJECTS

Submarush, Pittsburgh, PA Fall Semester 2021

Feature Designer, Level Designer, Content Designer

- Two player racing game where players control submarines through a hazardous tunnel, using combination of physical baseball tees and VIVE trackers. Made in Unity in two weeks with a five-person team. Responsible for designing racing track and obstacles, lighting of the level, gameplay balancing, and the tutorial scene.

Astrobeat, Pittsburgh, PA Fall Semester 2021

Feature Designer, Level Designer

- VR rhythm game where player hits holographic bongos with their hand to the music inside a spaceship. Made in Unity for Oculus Quest 2 in one week with a five-person team. Responsible for creating and designing the bongo system, as well as lighting and composition of the level.

Son Of A Lich, Pittsburgh, PA Fall Semester 2020

Combat Designer, Level Designer

- Webcam gesture-based-magic tower defense, where player needs to protect phylacteries from invaders. Made in Unity in six weeks with a five-person team. Responsible for designing spells and their corresponding player hand gestures, and enemy types. Additionally, worked on paths and lighting of the level.

GAME DESIGN SKILLS

Game Design Documentation
Rapid Prototyping
Playtest Conducting & Iteration
Creative Problem Solving
Interdisciplinary Communication
Feature Design
Level Design & Blocking
Gameplay Balancing
Combat Design
Worldbuilding

SOFTWARE SKILLS

Unity
Unreal Engine
Blender
Figma
Miro
Adobe Photoshop
Adobe Illustrator
Microsoft Office
Google Suite
Perforce
Github

PROGRAMMING SKILLS

Python
C#
Javascript (p5.js)

LANGUAGE SKILLS

English
Korean

PERSONAL SKILLS

Dance Choreography
Saxophone
Tennis