

Chatrin Samanchuen

Digital Artist | Experiential Designer | New York City, NY

chatrin.cargo.site | chatrinsamanchuen@gmail.com

[linkedin.com/in/chatrin-samanchuen](https://www.linkedin.com/in/chatrin-samanchuen)

I specialize in immersive arts and experiential design, blending computer graphics, virtual reality, and real-time production, supported by a 3D generalist background with concentration in environment design. Key projects include designing Thought Merchants' Website Landing Animation, creating the environment for the Magic Man Experience for 88Rising, Microsoft, and DJ Nicole Moudaber's 360 projection concert. My work focuses on creating environments that inspire fun and discovery, through computation like procedural modeling, real-time rendering, and Dynamic Simulations.

EDUCATION

School of Visual Arts (SVA) - MFA Computer Arts 2023 - 2025

- Thesis: **Environmental Film with Procedural Workflow and Generative AI**
- Thesis Advisor: **Prof. Adam Meyers | Prof. India Lombardi-Bello**
- MFA Computer Arts Department Scholarship

Pratt Institute - BFA Digital Arts with Highest Honors 2019 - 2023

- Senior Project: **Real Time Animated-Film Production with Game Engine**
 - Senior Project Advisor: **Prof. Claudia Tait**
 - President's List 2019-2023
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WORK EXPERIENCE

Houdini Artist | Environment Modeler APR 2025 - MAY 2025

TIDAL FORCE VR | New York City, NY

- Deploying **procedural modeling** into immersive environments creation

3D Artist | Motion Designer JUN 2024 - FEB 2025

THOUGHT MERCHANTS | Venice, CA

- Developing **brand identity**, product visualization and motion design

3D MODELER | ASSETS ARTIST AUG - NOV 2023

BATS-TOI | Brooklyn, NY

- Modeled and optimized **in-game 3D assets** from concept art

UNREAL ENGINE ARTIST | MOTION DESIGNER JAN - JUL 2023

VOLVOX LABS | Brooklyn, NY

- Produced 3D environments for **immersive media production**
- Assisted on **visual effects** and CG environment for **real time production**

UNREAL ENGINE GENERALIST APR - JUL 2022

MATTIA CASALEGNO STUDIO | New York City, NY

- Researched on **real-time film production** pipeline
- Explored **Metahuman** customization and look development

3D ARTIST | VIDEO EDITOR

OCT 2021 - JAN 2022

CLOCKY LLC | Remote

- Populated **commercial videos and images** for social media uses
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ACADEMIC EXPERIENCE

LIBRARY ASSISTANT

JAN 2024 - MAY 2025

SCHOOL OF VISUAL ARTS | New York City, NY

- Tracking equipment reservation
- Providing general assistance to department students, faculty, and staff

FRONT DESK ASSISTANT

SEP 2021 - SEP 2022

PRATT ATHLETIC/RECREATION CENTER | New York City, NY

- Provided general assistance to Pratt Institute's athletic department

PEER ADVISOR

SEP 2022 - JAN 2023

PRATT LEARNING/ACCESS CENTER | Brooklyn, NY

- Advised undergraduate students on digital arts related courses

COLLEGE GUIDANCE TEACHING ASSISTANT

JUN 2021 - SEP 2021

BREWSTER ACADEMY SUMMER PROGRAM | Wolfeboro, NH

- Collaborated on a Thai Government-funded program
- Provided college admission guidance classes
- Organized outdoor recreations

VOLUNTEER TEACHING ASSISTANT

JUN 2020 - SEP 2020

BREWSTER ACADEMY SUMMER PROGRAM | Remote

- Guided Thai Scholarship recipients on studying abroad
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CREATIVE PROJECTS

GRADUATE PROGRAM COURSEWORK

SEP 2024 - MAY 2025

Thesis Project Development | Prof. Adam Meyers

- Researching on **procedural techniques in digital media production**

AI Documentary Film Production | Prof. Anthony Giacchino

- Exploring possibilities of **generative AI in film production**
- Recreating **the legacy of Lt. Joseph Petrosino** with **Midjourney, RunwayML**

GRADUATE THESIS PROJECT ASSISTANT

APR 2024

The Human Fossil | Rebecca Huang

- Unreal Engine Technical Assistant

Mulu Magazine promotional video | Meiting Song

- Animation and Rendering Assistant

3D ARTIST | THOUGHT MERCHANTS

JUNE 2024 - FEB 2025

Venice Studio Backyard | Internal Project

- Utilizing **motion design tools** in **Unreal Engine** to create brand's animation

Lifeguard Tower Toy Souvenir | Venice Surfing Association

- Planned 2D layout for **laser-cutting** model

Allora Stage Design | Allora Network

- Developed **brand's animation**, reflecting network as dynamic ecosystem.

FREELANCE 3D/EXPERIENTIAL DESIGNER

NOV 2023 - APR 2024

Interactive Exhibition at SXSW 2024 | Arizona State University MIX Center | Volvox Labs

- Developed **interactive educational presentation** on an ultra reality screen in Unreal Engine 5 with **Blueprint Scripting**
- Implemented **in-game level teleporting logic** and level sequence player to display sponsor's videos
- **Designed CG environments** according to the event theme

Webroot + Carbonite Commercial | Open Text | Starfish Projects

- Built environments for **XR production** based on client's directions
- Optimized scene geometry, lighting, and textures to work smoothly in real-time

Stage Motion Graphic for Allianz Asia Pacific Summit 2023 | Studio 11206

- Designed continuous animations for the event's entertainment session

Mercado III Multi Combat Sport Headgear | BATS-TOI

- **Retopologized 3D geometry** from 3D-scanned
- Implemented **procedural modeling** workflow into assets creation

UNREAL ENGINE ARTIST/MOTION DESIGNER | Volvox Labs

JAN - JUL 2023

360 Projection Mapping at Art District Brooklyn | Nicole Moudaber

- Produced **Nonlinear CG environments** and **Visual Effects** for all night DJ Event

Magic Man Immersive Experience | Jackson Wang | 88Rising | Microsoft

- Produced **real time environment** based on **Jackson Wang's music videos**
- Implemented **real-time particle simulations** with **Microsoft Kinect**

Cadillac IQ Tour | Cadillac

- Assisted the team's motion graphics production

UNREAL ENGINE GENERALIST | Mattia Casalegno Studio

APR - JUN 2022

La Maschera Del Tempo | Giorgio Cini Foundation

- Built environments from shot compositions
 - **Managed rendering timeline**
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FUNDING

ROYAL THAI SCHOLARSHIP | Undergraduate to Postgraduate Degrees 2019 - PRESENT

- Awarded by **Ministry of Science and Technology of Thailand (Fully-Funded)**

Computer Arts Department Thesis Project Finishing Grant | SVA 2025

Memberships

GLOBAL GAME JAM 2024-PRESENT

- Participated in 2025 Jam at NYU Game Center

RISE UP ANIMATION MENTEE (RUA) 2023 - PRESENT

- Meeting with industry professionals for career development

NCAA DIVISION III | Pratt Men Soccer 2019 - 2023

- Participated in inter-collegiate soccer competition throughout the academic semester