

Marcel Yiran Wang

Artist | Technical Artist

New York

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yiranwang.art

Education

NEW YORK UNIVERSITY, TISCH SCHOOL OF ARTS

Master of Professional Studies, Interactive Telecommunications Program, 2022

SICHUAN FINE ARTS INSTITUTE

Bachelor of Fine Arts, Oil Painting, 2020

Experiences

Nov 2022-present

THE MILL

Technical Artist

New York, NY
Full-time

- Collaborated with CG Leads and Creative Directors to design and implement interactive digital experiences.
- Developed high-fidelity, stylized virtual characters and real-time interaction systems.
- Operated motion capture systems (VICON, Xsens, Faceware, LiveLink) to stream and synchronize data in real-time workflows.
- Modeled, textured, and optimized 3D assets for real-time rendering in Unreal Engine.
- Customized MetaHuman models, including texture refinement, rigging adjustments, and accessory design (e.g., jewelry, props).
- Created XGen groom assets in Maya and integrated them into Unreal Engine for dynamic character hair rendering.
- Partnered with CG artists and 2D compositors to establish end-to-end VFX production pipelines.
- Worked with developers to prototype, test, and refine new features and interactive mechanics.

Aug 2023-Nov 2024

MARFA - JOURNEY INTO SELF

Technical Artist

New York, NY
Part-time

An Immersive VR Experience

- Designed and built virtual environments and lighting setups for immersive VR experiences.
- Customized MetaHuman models, including rigging, texturing, and grooming for realistic characters.
- Designed and created all sound effects and audio.
- Edited the final experience video and trailers.

Sep 2022

EXHIBITION - BODY, EMBODIMENT, DIGITAL SELF

Curator, Designer

New York, NY
Full-time

An onsite digital art popup show happening during September 9th - 11th at 215 1st Ave, New York.

- Managed end-to-end curation, organization, and administration of art exhibitions and projects.
- Designed visual materials, including posters, press releases, advertisements, brochures, and promotional cards.
- Oversaw installation of art projects and resolved technical challenges to ensure seamless execution.

Jun-Nov, 2021

CAMLAB, CHINESE ART MEDIA LAB, HARVARD UNIVERSITY

Web Design Intern

Remote
Full-time

Using multi-media storytelling to build cultural and historical experiences

- Designed and developed immersive online virtual tours, interactive exhibitions, and documentary websites for three major projects: Mindscape, To the Moon, and The Great Game.
- Structured website content and designed layouts, including prototyping workflows and transitions using Figma.

Skills

3D	*****	Unreal Engine, Maya, Motion Capture
Creative	*****	TouchDesigner, Substance Painter, Figma, Ableton Live, Painting
Design	****	Adobe (Photoshop, Premiere, After Effects)
Fab	****	Woodworking, Prototyping, Soldering, Arduino
Code	***	Javascript, HTML, CSS, Python

Exhibitions

Artist Interview, CanvasRebel: <https://canvasrebel.com/meet-yiran-wang/>

Aug 2023

CVPR 2023, The IEEE/CVF Conference on Computer Vision and Pattern Recognition 2023, Art Gallery, group show, Vancouver, Canada

Jun 2023

Currents New Media 2023, group show, Santa Fe County, US

Jun 2023

Waiting Room, Immersive Art for Wellbeing, group show, HOT·BED Gallery, Philadelphia, US

Sep 2022

MOCO 22', Live Performance, 8th International Conference on Movement and Computing Conference, Chicago, US

Jun 2022

NYC EIS 22', New York City Electroacoustic Improvisation Summit, Live Performance, New York, US

Apr 2022

Dialogue with Southeast Asia, group virtual show, ASIAN International Art Exhibition, China

Apr 2022

Athens Open Art, group show, London, UK

Mar 2022

Re-Fest 2022, group virtual show, Culturehub, New York, US

Mar 2022

:iidrr Artist Talk, Artist Talk, NY, US (11/5)

Nov 2021

Neo-Imaginaria: Gen-Z New Media Poetics, group show, BROWNIE/Project, Shanghai, China

May 2021

NYU Tisch ITP Spring Show ETUDE x Anomaly Open Space, Shanghai, China

Mar 2021

Award

Dune, First Place, The 2022 Jefferson Center of Immersive Arts for Health Student Design Competition

Aug 2022

Publication

Elias Jarzombek and Yiran Marcel Wang. 2022. **Pendular.** In Proceedings of the 8th International Conference on Movement and Computing (MOCO '22). Association for Computing Machinery, New York, NY, USA, Article 38, 1-3. <https://doi.org/10.1145/3537972.3538021>

June 2022