

Yaxuan Liu

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Experience

Creative Technologist + Architectural Designer SOSO - Sep 2021-Present

I Oversee large-scale interactive art installations and digital experiences, leading creative process from design to delivery, handling design and technical development and managing fabrication and installation in coordination with clients and vendors

I Conduct user research and design user journeys that integrates physical and digital spaces for headquarters of companies such as Fidelity Investments and the Timken Company.

I Lead integration of emerging technologies like VR, AR, and AI into the studio's creative process, enhancing its offerings in computational design and the creation of interactive environments using tools including Grasshopper/Processing/Three.js/Stable Diffusion/LLM

I Led front-end development for Colaj.ai, an innovative AI platform designed to enhance creativity, connection, and collaboration in meetings

I Transformed studio's visualization process, elevating visual standards and streamlining rendering processes, reducing output time

Co-Founder Design Yard Sale - Jun 2020-Dec 2020

I Design Yard Sale sold donated design work to raise funds for racial justice organizations

I Built an online platform to accept, sell, auction, and ship donated design items

I Established a fiscal sponsorship with the Arch League of New York and solicited design donations

I Received design donations from 357 designers and nearly 800 orders and raised over \$126,000

Skills

Figma, Wireframing, Journey Mapping, Persona, User Research, Grasshopper, Processing, Three.js, Node.js, Electron, Vue, JavaScript, HTML/CSS, C#, Python, Rhinoceros, Adobe Creative Cloud

Education

Harvard University Graduate School of Design

Master in Architecture I May 2021

University of California, Davis

Bachelor of Arts in Italian Language and Literature with Honors June 2016

Awards

2021 Peter Rice Prize: for innovation in architecture and structural engineering.

Harvard University Graduate School of Design - May 2021

2021 Metropolis Future100: 100 emerging designers who are redefining the practice of architecture.

Metropolis Magazine - January 2021

2020 RAMSA Travel Fellowship: selected for \$10,000 travel grant for research innovation through tradition in architecture. Robert A.M. Stern Architects - April 2020

2023 PRINT Awards (with SOSO): second and third place for Environmental Design category

PRINT Magazine - June 2023