Alex Zhu

3D Artist & ex-UX Designer

Portfolio Website

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Pittsburgh, PA

Work Experience

BMW Group
HMI Design / 3D Art Intern
June - Aug 2024 Shanghai, China

- Collaborated with cross-functional teams to model assets and environment for UE5 development.
- Designed and prototyped user flows and UI for Advanced Driver Assistance Systems (ADAS), ensuring a smoother and more understandable Mode switch experience.
- Animated different poses and emotes for the Voice Assistant.
- Advocated 3D Art skill and knowledge to the team.

Audi China
UX/UI Design Intern
Mar - June 2023 Beijing, China

- Designed interactive prototypes and UI animations for car infotainment, tailored to diverse driving scenarios.
- Created data visualizations for benchmarking projects.
- Conducted competitive analyses of electric vehicle interior features, identifying key industry trends and opportunities for product improvement.

XREAL
UX Design Intern
May - Aug 2021 Beijing, China

- Collaborated with cross-functional teams on the XR Photos app, progressing designs from lo-fi wireframes to hi-fi prototypes.
- Prototyped UI layouts and micro-interactions in Unity, contributing to the XR design system.
- Created and optimized 3D models for Unity projects.

School Project

Team MSX - Honda 99P Lab
Producer
Jan - Present Pittsburgh, US

- Facilitate weekly production meetings and emails with clients to define project scope and progress, ensuring high-quality deliverables.
- Support team members in solving challenges related to 3D asset implementation and optimization.

Education

Carnegie Mellon University
MET Entertainment Technology
2023 - May 2025

ArtCenter College of Design
MFA Media Design Practices
2021 - 2022

Pratt Institute
BFA Graphic Design
2017 - 2021

Skill & Tools

3D Art

3D Modeling	Blender
Sculpting	Unity 3D
Retopologize	Unreal Engine 5
UV Unwrapping	Maya
Texture Painting	Zbrush
Animation	Procreate
Visual Development	
Concept Drawing	

Design

User Experience Design	Figma
User Interface Design	Photoshop
User Research	Illustrator
Journey Mapping	Protopie
Storyboarding	Sketch
User Flow	
Wireframing	
Visual Design	
User Testing	