



# ZHENG CHEN

## ARTIST DESIGNER DEVELOPER

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## Profile

A Chinese interactive designer with a background in both fine arts and technology, he is currently studying in the Interaction Design Master Program at the University of Applied Sciences of Southern Switzerland (SUPSI) and obtained a Bachelor of Arts in New Media Arts from the Academy of Fine Arts in Turin, Italy. He is good at combining AI, voice interaction, sensor systems and emotional design to create warm and resonant digital experiences. His goal is to bring China's creative technology to the international stage.

## Education

### Interaction Design (Master, in English) Oct 2024 - Oct 2026

University of Applied Sciences and Arts of Southern Switzerland

Participated in structured learning in product design, interactive design and marketing. Gained practical experience in 3D modeling, programming, machining, 3D printing and laser cutting. Developed strong teamwork and cross-cultural communication skills by working with colleagues from different international backgrounds.

### New Technologies in Art (Bachelor, in Italian) Oct 2019 - Jul 2023

Albertina Academy of Fine Arts

The only Chinese student admitted to the Art New Technology major in 2019, with a graduation score of 105/110. In the Art New Technology course in Italy, I learned in depth the creation and application of digital media art, including 3D modeling, animation production and digital image processing. I also learned the operating mechanism of the digital art market and mastered effective strategies for online display, sales and marketing of artworks.

### Italian language course Nov 2018 - Aug 2019

University for Foreigners of Perugia

Obtained Italian language certificate Celi B2 (score 168/180). Learned basic knowledge of Italian culture and history, and enhanced understanding and identification with Italian society.

### Italian language course Jul 2018 - Nov 2018

Nanjing Normal University

Obtained Italian language certificate from Nanjing Normal University

## Personal details

Date of birth

June 16, 2000

Driver's license

C1 (China), B (Italy)

Gender

Man

Nationality

Chinese

Hometown

Wuxi, Jiangsu, China

Portfolio Website

[leonardo-chen.github.io](https://leonardo-chen.github.io)

## Skills

Front-end development: HTML, CSS, JavaScript, WebSocket, PWA

Hardware prototype: ESP32, Grove sensor, DFPlayer, microphone

AI integration: OpenAI API (ChatGPT / Whisper / TTS), Gemini, Supabase

Prototyping: laser cutting, 3D printing, circuit welding, paper model construction

Design tools: Figma, Adobe Illustrator, Photoshop, Notion

# Project experience

<b>Remi</b> Switzerland	2025	<b>Languages</b>
• A multimodal companion system designed for dementia users		Chinese mother tongue
• Based on ESP32 to achieve voice recognition, AI dialogue and LED light strip feedback		
• Integrate OpenAI Whisper + TTS + Supabase to achieve localized reminders and emotional resonance		
• Supports multiple languages and offline playback, serving early dementia users in home use scenarios		
<b>Tubi</b> Switzerland	2025	<b>Hobbies</b>
• Interactive amusement device		■ Racing
• The structure device is built based on AI-generated images, combined with motion sensing and projection interaction		■ Fishing
• The device triggers sound effects and image changes, guiding users to explore the boundary between "reality and fiction"		■ Traveling
• Exhibited in the Ticino public space project		
<b>Sony TC-150</b> Switzerland	2024	<b>Qualities</b>
• Collaborate with Luca Ferrari to recreate and transform the Sony TC-150 classic tape deck		■ Independent, reliable, good at thinking, able to solve problems efficiently
• Use laser cutting to build a wooden structure that combines retro styling with modern electronic controls		
• Design a mechanical lever and volume knob structure, and integrate Arduino to achieve playback control		
• The project is interactive, decorative, and practical		

## Life among De Divina Proportione

Italy	2019
• Paintings from the Florence Biennale	
• Invited by the exhibition organizer	
• Inspired by Leonardo da Vinci's "Divine Proportion", recreated by combining personal growth and mathematical aesthetics	
• The work pays tribute to the "beauty of rationality and sensibility" through color reconstruction and structural narrative	

## Awards

2024

Tubi was selected as a public interactive project in Ticino and exhibited at Saceba

2019

Participated in the Florence Biennale and obtained a certificate. The exhibited work is "Life among De Divine Proportione", details: <https://leoanrdo.webflow.io/>