

# Curriculum Vitae \_ Haihang Sun

✉ SUNhh\_soochowU@hotmail.com

☎ +86 18746062976

🏠 Y6-1, Hengda TiandiRenhe Community, Rongjiang Road, Qunli, Daoli District, Harbin, Heilongjiang Province, China

## Skills

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UX Design, User Experience, Wireframing, Prototyping, User Research, Usability Testing, UI Design, Architecture Design, 3D Modeling, Rendering, Graphic Design, Sketching

## Education

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10.2023-10.2025 | Venice, Italy

**IUAV University of Venice (Università Iuav di Venezia)**

Master of Architecture in Architecture (GPA: 108/110)

09.2018-06.2023 | Suzhou, China

**Soochow University**

Bachelor of Architecture in Architecture (GPA: 3.6/4.0)

## Internships

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05.2025-08.2025 | Venice, Italy

**Municipality of Venice**

Project: "Raccontare l'intelligenza Veneziana"- The Wisdom of Venice

Responsibilities:

- Designed and implemented an interactive experience system integrating AI and digital media to enhance public engagement in "The Wisdom of Venice" journey
- Developed user-centered, multilingual interfaces and content using Adobe tools, optimizing cross-cultural user experience
- Collaborated with cultural institutions to design interactive programs that promote international exchange and cross-cultural interaction

07.2024-10.2024 | Beijing, China

**Kunlun Zaiwu (Beijing) Technology Co., Ltd.**

Projects: Stone – Personal Time Management System; Nova Horizons – Game Experience Design Project

Responsibilities:

- Participated in the development of an auxiliary time management product, conducting user research and survey analysis, and iterating functions and interface design based on feedback
- Independently completed product prototyping and partial functionality testing, ensuring consistency between interaction logic and visual presentation
- Collaborated with a game design studio on the design and development of a third-person perspective game, integrating user experience insights into gameplay mechanics and creating storyboards and flowcharts

08.2023-12.2023 | Shanghai, China

**Atelier Archmixing Co., Ltd.**

Projects: Ningbo Ancient Town Revitalization Plan; Kunshan School Interior Renovation Project

Responsibilities:

- Utilized 3D modeling and drafting tools to participate in architectural and urban design projects, contributing to concept design, spatial analysis, and site planning
- Researched structural systems and material characteristics of traditional Chinese architecture, prepared technical reports, and developed precise 3D models to support heritage restoration and visualization
- Produced interior construction and analytical drawings, including plans, sections, zoning, circulation, and layout diagrams for design presentation and optimization
- Created a series of interactive visual diagrams for presenting urban and architectural design proposals

## Competitions & Exhibitions

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05.2025-11.2025 | Venice Biennale - Venice Pavilion

**Project: Digital Library of Venice (Team)**

Content: Participated in the design of an interactive digital library, building a dynamic Venice knowledge base powered by large language models; Optimized the interface and interaction flow, and collaborated with the team to integrate interactive technologies into the exhibition, enhancing visitor engagement and experience

01.2024 | The 17th Architectural Design Award of Jiangsu Civil Engineering and Architecture Society

**Project: Urban Design (Individual), Third Prize**

Content: Conducted research on the spatial patterns of historic districts in Suzhou, prepared urban theory reports with supporting diagrams, and proposed renovation and redevelopment plans for the districts

03.2023 | The 16th Architectural Design Award of Jiangsu Civil Engineering and Architecture Society

**Project: Urban Design Education-Suzhou Historic District Renovation (Individual), Third Prize**

Content: Independently conducted analysis of urban theory and historical data, and collaborated with architects and university research labs to develop design proposals for historic urban areas

04.2021-09.2021 | Solar Decathlon Competition

**Project: Aurora (Team), Outstanding Award**

Content: Participated in the design of architectural steel structures and construction drawings, utilizing parametric tools to optimize façades and support MR-assisted construction workflows

## Workshops

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08.2025 | Summer Interaction Design Workshop

**Project: Origami-inspired Robotic Structure (Individual)**

Content: Designed and fabricated a origami interactive structure, utilizing Arduino and Unity to implement sensor-based control and real-time response, while exploring material properties and actuation methods to optimize structural control

02.2024-06.2024 | Theory and History of Representational Methods

**Project: Cloud-Interactive Architectural Structure (Team)**

Content: Studied the relationship between weather variations and adaptive structures, using Rhino and Grasshopper to simulate interactive structural prototypes, and tested material performance and deformation data

02.2024-05.2024 | The Time-image Workshop: Interior and Creative Exhibition Design

**Project: Pyramid in Venice, A Creative Exhibition Space (Team), First Prize**

Content: Based on site surveys and measurements, built models and designed test exhibition structures along with multimedia interactive installations

## Academic Research

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06.2025 | Urban Behavior Mapping for Spatial Quality Assessment

**Project: A Computer Vision Approach to Pedestrian Analysis in Venice (Individual)**

Publish: Venice Urban Lab - Knowledge Hub <http://www.veniceurbanlab.org/esplora-tesi>

Content: Applied object detection and trajectory reconstruction computer vision methods to analyze pedestrian behavior in Venice's squares, and visualized spatial usage to support data-driven evaluations

06.2023 | Soochow University Undergraduate Thesis

**Project: Historic Block Renewal Based on Typo-Morphology Study: A Case Study of Shanghai-Wuding Road Block in Qingdao (Individual), Excellent Graduation Thesis**

Content: Analyzed the characteristics of historic districts in Qingdao, extracted urban design vocabulary, and applied it to redevelopment proposals

## Others

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Software | Rhino & Grasshopper, CAD, Sketchup, Unity, Blender, Cinema4D, Photoshop, Arduino IDE, PR, AI, InDesign

Interests | Oil Painting, Watercolor, Ski, Traveling, Photography