

## Education

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- 08.2019-05.2021 University of Southern California (USC)  
**Master of Architecture**
- 09.2013-07.2018 Xi'an University of Architecture and Technology (XAUAT)  
**Bachelor of Architecture**

## Publications

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- 12.2022 Brian-computer interface-based Emotion Features Recognition using Convolutional Neural Networks  
DOI: 10.1109/ICFTIC57696.2022.10075249
- 11.2022 On the experiment and design of Tachi-Miura polyhedron's radial load-bearing capacity  
DOI: 10.1088/1742-6596/2469/1/012014
- 06.2022 Patent: A kind of Casement Window by manually and automatically opening  
Publication Code: CN112627665B
- 06.2021 Patent: Synchronized control system of coded window opener  
Publication Code: CN111236790B

## Conference

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- 12.2022 2022 3rd International Conference on Computer Engineering and Intelligent Control  
'Brian-computer interface-based Emotion Features Recognition using Convolutional Neural Networks'
- 11.2022 2022 2nd International Conference on Advanced Manufacturing Technology and Electronic Information  
'On the experiment and design of Tachi-Miura polyhedron's radial load-bearing capacity'

## Research

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- 11.2022 Machine learning application for healthcare  
-Research project Supervisor: Dr. Kunqiang Qing  
-Gained experience of convolutional neural networks(CNN) in the field of healthcare
- 08.2022 Analysis of design principles of deployable structure  
-Research project Supervisor: Prof. Zhong You  
-Gained experience of origami and high-performance structure
- 12.2020 Advanced Digital Fabrication  
-Master degree research project Supervisor: Prof. Rob Ley  
-Gained experience of manufacturing techniques of fabrication  
-Project: Plywood Skateboard made of balloon mold
- 11.2020 Physical Computing: Linking Architectural Computing with the Physical World  
-Master degree research project Supervisor: Prof. Kyle Konis  
-Gained experience of designing kinetic systems for users' circadian system  
-Project: Kinetic Roof over the atrium of Alzheimer's Nursing Hospital
- 09.2017 Mapping and Investigation in ShiChuan Village, Lantian County  
-Undergraduate degree research project Supervisor: Prof. Limin Li  
-Gained experience of surveying and reconstruction of artificial heritage  
-Project: Heritage Conservation of Ancient Villages in Sha'anxi, First prize in the group

## Experience

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08.2021-07.2022

### **CCTN Design Co.Ltd, Shanghai Office**

Designer

Specialized in Concept Design and Urban Design

- Bidding for Suzhou South High Speed Railway Station Interior Furnishing Modeling
- Bidding for Hangzhou West High Speed Railway Station Interior Furnishing Modeling
- Bidding for Zhaotong East High Speed Railway Station First Draft of Urban Design
- Sichuan-Tibet Railway Headquarters on Tianfu Dist. in Chengdu 3# Podium Re-Design
- Bidding for Ci'xi High Speed Railway Station, Zhejiang
  - 3 rounds of Concept Design of Station + 2 rounds of Urban Design of surrounding plots
  - + 1 round of plan layout of Station Scheme + 1 round of Landscape Design of Urban Design
- Design Delegation for Facade Renovation of New Changzheng Commercial Building, Shanghai
  - Concept Design /Modeling/ Representation to the proprietor
- Bidding for 4 High Speed Railway Station in Lunan Route, Shandong: Anqiu, Yinan, Lanling, Tancheng
  - Leader of group specialized in Bidding for Yinan High Speed Railway Station
- Design Delegation for Concept Design of Xia'Yan Metro Station in Shanghai
  - Design/ Modeling of Metro Station and its affiliated parcels/ Representation
- Urban Planning Consulting of Urban Hall in Anqiu Urban Planning Strategy
- Baoshan High Speed Railway Station and Transit-Oriented Development in Baoshan Dist., Shanghai
  - Concept Design and Modeling of High Rise in the east of Station
- Bidding for Plots of Technology and Innovation Dist. in Mianyang, Sichuan
  - Concept Design of Academy Parcel: Aerial Academy

Directed by Mr. Yang Ren, Senior Architect

07.2021-Present

### **VDI Technology Co. Ltd**

Development Engineer (Part-time)

Responsible for Building Technology Session

- Develop the actuator for window applied the Electro-chromic Glass
  - Integrate the control system of Window Opener and Electro-chromic Glass
  - Participate in Design and Construction Phase of new pavilion of Heifei Science and Technology Museum
- Directed by Dr. Shiyou Pei, President of VDI Technology Co. Ltd

03.2021-Present

### **Nantong Suchi Construction & Engineering Co. Ltd**

Technical Consultant (Part-time)

Responsible for Design & Development

- Invent 2 products, patent registered
- Patent product installed in the project: Jinke Headquarter, Chongqing

06.2018-11.2018

### **China Northwest Architecture Design and Research Institute Co. Ltd**

Intern

Leader of intern group

- Specified commercial offices on the Plant Planning of Yuxiang Gas Corporation in Gaoling County
- Directed by Mr. Wang Qi, Deputy Chief Architect

05.2017-10.2017

### **Xi'an Aerospace Shenzhou Architectural Design Institute Co., Ltd**

Intern

Team member

- Designed the dormitory on renovation project of County Jail and Labor Camp in Meixian County
- Directed by Mr. Ji zhiwen, Senior Architect

06.2016-09.2016

### **Architectural design and Research Institute of XAUAT**

Intern

Group Member

- Learned about the workflow of Tekla under BIM system
- Directed by Mr. Wang Lei, Senior Structural Engineer

## Skills

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Software

Adobe Suite/Auto CAD/Revit/Rhino/Grasshopper/Lumion/Maya/Unity

Microsoft Office/Teaching /3D Printing/Kuka

Interest

Hiking/Movie/Social Psychology/Mechanism/Robotics

Language

Mandarin/English/ C++/C#/ Python