

# Tianwu Zheng

Architecture Designer | Berkeley, California

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## EDUCATION BACKGROUND

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**University of California, Berkeley** - College of Environment Design

08/2025-05/2026

MAAD

GPA: 96.00/100 (3.84/4.0)

- Coursework focused on timber and adobe structures, form and structure, sensory spaces and small-scale infill real estate development
- Extensive use of Rhino / Grasshopper for parametric iteration and structural exploration

**Tongji University** - College of Architecture and Urban Planning

09/2019-07/2025

B.Arch

GPA: 90.08/100 (4.52/5.0)

- Awards: the First-class Undergraduate Scholarship, the First Prize in the Freshman Structure Contest
- Coursework focused on architectural design, building structures, construction technology, and urban design

## INTERNSHIP EXPERIENCE

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**Shanghai Original Design Studio**

07/2023-12/2023

Intern

- Produced atmospheric and construction-oriented renderings for the Beijing-Hangzhou Canal's Ten-Mile Bund Project to support preliminary bidding using Lumion and D5
- Designed the landscape structure and the site structure for the *Molin Wild Lookout* observation platform in the extension section of Xili Lake in Shenzhen and conducted site modelling using Sketchup and Rhino
- Produced the late construction designs and drawings for the Storage Tank Project in Longhua District, Shenzhen using different cartographic software, such as CAD
- Organized, designed, and promoted the 2023 SUSAS Shanghai Urban Space Art Season Exhibition, filmed using UAV, and edited videos and produced posters using Pr, Ps, and Ae

## DESIGN & RESEARCH EXPERIENCE

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**APA Urban Design and Preservation Division**

11/2025-02/2026

Volunteer

- Provided remote assistance during the preliminary site research phase, contributing to architectural programming and the preparation of digital materials for community engagement
- Produced maps, posters, and related deliverables using graphic design tools such as InDesign

**Saint-Gobain Architecture Competition**

03/2024-04/2024

Group Leader

- Served as the team leader for the domestic competition area, arranged for the team members to visit and learn from Saint-Gobain Asia Pacific's R&D headquarters during the competition design process, and engaged in the on-site questioning and defense
- Shortlisted and exhibited in the Saint-Gobain architectural design competition conference in Helsinki, Finland

**National Innovation and Entrepreneurship Project, Research on Vibration Isolation Mechanism of**

**Staggered Shear wall structure**

03/2021-12/2022

Group Leader

- Led a team of four individuals to carryout academic research and experiments, including pre-academic basic research, post-shaker test model design, construction, and data recording
- Completed the presentation tasks, and led the team to integrate the materials to complete the final paper

### **2021 Build Festival**

**05/2021-06/2021**

Group Leader

- Oversaw the team's completion of the project's development and enhancement and undertook the bitch frame's construction, the design of the project and timber connection parts, and the field construction process

### **FIELD RESEARCH & CULTURAL STUDIES**

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#### **Field Research in Mad River Mass Timber**

**10/2025**

Group Member

- Participated in and observed the processing workflow of a highly automated sawmill, and conducted in-depth research on timber species, machining methods, and automated processing technologies

#### **Mapping Group in Summer Practice**

**07/2023-08/2023**

Group Member

- Followed the other team members to Guifeng Village in Fujian Province and conducted field survey the group houses, including two historic houses, Buyun House and Shanghuang House
- Offered Guifeng Village crucial technical assistance in finishing the project to conserve the ancient architecture

### **SKILLS**

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- **Design & Modeling:** Rhino, Grasshopper, Sketchup, Archicad, AutoCAD
- **Visualization:** V-Ray, Lumion, D5 Render
- **Graphic Design:** Photoshop, Illustrator, InDesign, Premiere, After Effects
- **Physical Making:** Model fabrication, material prototyping, construction detailing