

Tianwu Zheng

Architecture Designer | Berkeley, California

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EDUCATION BACKGROUND

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

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

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

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

- **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