Shaoyi Wang

Master of Science in Architecture Student, UC Berkeley

Email: shaoyiwang@berkeley.edu   **Phone:** 510-599-7540

EDUCATION

University of California, Berkeley, College of Environmental Design   2023/08-2025/05 (Estimate)

Master of Science in Architecture, GPA: 4.0/4.0

Tsinghua University, Department of Architecture   2019/07-2023/06

Bachelor of Architecture, GPA: 3.87/4.0, Rank 3/80

- Integrated Excellence Scholarship of Tsinghua University in 2019, 2020, 2021, and 2022
- Scholarship for Excellence in Literature and Art of Tsinghua University in 2019, 2020, and 2021

Tsinghua University, Department of Landscape Architecture   2017/09-2019/06

Landscape Architecture, GPA: 3.81, Rank 1/11 (transferred to Architecture in the senior year)

- Integrated Excellence Scholarship of Tsinghua University in 2018
- Outstanding Freshman Scholarship of Tsinghua University in 2017

Tsinghua University, Department of Psychology   2020/09-2023/06

Minor in Psychology, GPA: 4.0/4.0

EXPERIENCES

Graduate Student Researcher   University of California, Berkeley   2024/05-2024/08

- Participated in developing Rhino plugin *Pseudorandom*, which integrates Comfy UI into Rhino
- Role: Plugin functionality and UI in Rhino

Teaching Assistant   University of California, Berkeley   2024/01-2024/05

- ARCH 250 -- Introduction to Structures (Graduate Level)

Design Intern   Song Und Partners Atelier (Beijing)   2022/05-2022/07

- Facade design of Kesi Fabric Pavilion in the Dingzhou Garden Expo Park using Grassshopper

Design Intern   China Architecture Design and Research Group (Beijing)   2021/07-2021/08

- Drafted design scheme of the dormitory area of the Changyuan University Town

COMPETITIONS & AWARDS

The 25th Structural Design Competition of Tsinghua University   2019/10-2019/12

Team Member (design 50%, drawing 40%, and model building 20%)   Best Architecture Design Award

The 1st Beijing Forestry University International Garden-making Festival   2018/04-2019/09

Team Member (design 20%, vegetation 50%, on-site construction 15%)   Outstanding Award (2/15)

SKILLS & INTERESTS

Research Interest: Innovative Structure, Robotic Fabrication, Computational Design

Skills:

- Design: Rhino, Grasshopper, Adobe Suite (PS, AI, ID, PR), Sketch-up, AutoCAD, Enscape, ArcGIS
- Computation: C#, Python, Deep Learning

Credentials:

- Deep Learning by DeepLearning.AI on Coursera. Certificate earned on August 14, 2024
- Machine Learning by Stanford University & DeepLearning.AI on Coursera. Certificate earned on June 11, 2024

English: TOFEL (Total: 108   R: 28 L: 28 S: 25 W: 27)   GRE (Total: 326+3.5   V: 156 Q: 170)

PUBLICATIONS

- Rufeng Liu, Weixin Huang, Jingyuan Hu, Shaoyi Wang. Integration Design of Nonlinear Architecture and Structure in Digital Environment — Taking the Course 'Weaving Structure for Architectural Design' as an Example. Proceedings of 2022 National Conference on Architecture's Digital Technologies in Education Research, 2022: 135-140. DOI:10.26914/c.cnkihy.2022.051997.