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EDUCATION

Jiangnan University

Sep. 2021 - Jun. 2024

Master of Environmental Design. Main courses: Habitat Community Design, Sociology of Design, System Innovation and Strategic Design, Literature Study and Writing

Chongqing University (GPA: 90.32 & RANK: 2/33)

Sep. 2017 - Jun. 2021

Bachelor of Environmental Design. Main courses: Residential District Planning Design, Landscape Planning Design of Pedestrian Street

JOURNAL PUBLICATIONS

Ma, H., Xu, Q., & Zhang, Y. (2023). High or low? exploring the restorative effects of visual levels on campus spaces using machine learning and street view imagery. *Urban Forestry & Urban Greening*, 128087. [[Link](#)]

Jiang, S., Ma, H., Yang, L., & Luo, S. (2023). The influence of perceived physical and aesthetic quality of rural settlements on tourists' preferences—A case study of Zhaoxing Dong Village. *Land*, 12(8), 1542. [[Link](#)]

Jiang, S., Yang, L., & Ma, H. (2023). Study on gene recognition and application of Dong traditional settlement landscape—A case study of Dong Village in Zhaoxing, Guizhou Province. *Huazhong Architecture (Chinese Journal)*(11), 81-85. [[Link](#)]

Ma, H., Chen, X., Zeng, X., Yang, T., Yao, T., Chen, B. (2023). Research on spatial form and elements of living settlement in Huanggang Dong Village, Guizhou. *Urbanism and Architecture (Chinese Journal)*, 2023, 20(23): 13-17+22. [[Link](#)]

CONFERENCE PUBLICATIONS

Ma, H., Zheng, H. (2024). Text Semantics to Image Generation: A Method of Building Facades Design Base on Stable Diffusion Model. In: Yan, C., Chai, H., Sun, T., Yuan, P.F. (eds) *Phygital Intelligence*. CDRF 2023. Computational Design and Robotic Fabrication. Springer, Singapore. [[Link](#)]

PREPRINT PUBLICATIONS

Ma, H., Zhang, Y., Liu, P., Zhang, F., & Zhu, P. (2023). How does spatial structure affect psychological restoration? A method based on Graph Neural Networks and Street View Imagery (Preprint) [[Link](#)]

Ma, H., & Wu, D. (2023). A natural language processing-based approach: mapping human perception by understanding deep semantic features in street view images (Preprint) [[Link](#)]

EXPERIENCES

Machine Intelligence Lab (Westlake University)

July. 2023 - Sep. 2023

- Visitor student (full-time). In the research of robotic intelligence, the Large Language Model (LLM) and the Visual Language Model (VLM) are used as sensing ends of robotic arms to control robots to complete downstream tasks. Corresponding for the robot arm simulation environment and VLM code project.

DESIS Lab (Jiangnan University)

May. 2022 - Aug. 2022

- Designer (part-time). COVID-19 shelter hospital design. Based on the modular design concept, we built a variety of mobile cabin hospital models that can respond quickly. Corresponding organization and PPT.

Chongqing University Architectural Planning and Design Institute**Oct. 2020 - Mar. 2021**

- Urban Planning Intern (part-time). Participated in the future development planning of Chongqing Jinfo Mountain, Nanchuan District Industrial Park and Yunnan Campus. Corresponding animations, and models.
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HONORS

- China National Scholarship - 2023
 - China National Scholarship - 2021
 - China Inspirational Scholarship - 2020
 - Jiangnan University Academic Scholarship (First Class) - 2022
 - Chongqing University Academic Scholarship (First Class) - 2019 and 2020
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AWARDS

- National University Digital Art Design Competition (First Prize) - 2022
 - The 9th China Colleges and Universities Design Competition (First Prize) - 2022
 - World Campus Masters 2021 (Top Three) - 2021
 - Yuanye Cup 2021 (Second Prize, 2021) - 2021
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SKILLS

- Software: Python, L^AT_EX, Markdown, ArcGIS, AutoCAD, Rhino, SPSS, Photoshop
- Language: IELTS: 6.0 (L: 5.5, R: 6.5, W: 6.0, S: 6.0)