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# Haoran MA

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[Researchgate](#) [Github](#)

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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

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## PUBLICATION

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](#)]

Ma, H., & Zheng, H. (2023). Text Semantics to Image Generation: A method of building facades design base on Stable Diffusion model (Accepted) (*DigitalFUTURES-CDRF 2023: The 5th Conference on Computational Design and Robotic Fabrication*)

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 (Accepted) (*Huazhong Architecture: Chinese*)

Ma, H. (2022). Research on spatial form and elements of living settlement in Huanggang Dong Village, Guizhou (Accepted) (*Urbanism and Architecture: Chinese*)

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## EXPERIENCE

### Machine Intelligence Lab (Westlake University)

July. 2023 - Sep. 2023

- Research Assistant. Embedding intelligence. Using LLM and VLM to control the robot for downstream tasks. Connect the perception end with the operation end to realize natural language policy.

### DESIS Lab (Jiangnan University)

May. 2022 - Aug. 2022

- Designer. COVID-19 shelter hospital design. Based on the modular design concept, we have built a variety of mobile cabin hospital models that can respond quickly. Corresponding ideal, planning, and PPT.

### Chongqing University Architectural Planning and Design Institute

Oct. 2020 - Mar. 2021

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

### PT Landscape Design Company

July. 2019 - Aug. 2019

- Landscape Architecture Intern. Participated in several residential landscape design projects (Shenzhen Yuanzi). Mainly responsible for the project text and some landscape facilities design.

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## HONORS AND AWARDS

- 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
- National University Digital Art Design Competition (First Prize) - 2022
- The 9th China Colleges and Universities Design Competition (First Prize) - 2022

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## SKILLS

- Software: Python, L<sup>A</sup>T<sub>E</sub>X, Markdown, ArcGIS, AutoCAD, Rhino, SPSS, Photoshop
- Language: English (CET4, CET6), Mandarin