

## CHEN YINAN

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### EDUCATION

#### **Southeast University | School of Architecture**

- Master of Architecture, Supervised by Prof. Wang Jianguo 09/2021 – 06/2024 (Expect)  
Overall Grade: 90.95/100, Ranking: 1/147
- Bachelor of Architecture, Graduated with Distinction 09/2016 – 06/2021  
Overall GPA: 3.85/4.00, Grade: 88.18/100, Ranking: 10/89

**Southeast University | School of Environment and Energy** 06/2016 – 09/2015

### RESEARCH INTERESTS & OBJECTIVE

- Interests: Urban informatics, urban analysis, urban perception, urban design
- Utilizing urban multi-source big data to quantitatively study the relationship between the built environment and people's behaviors to help promote human-centered urbanism

### RESEARCH EXPERIENCE & ACADEMIC PROJECTS

#### **Research on the Correlation between Built Environment and Urban Perception**

Group leader, Supervised by Tu Han (MIT) 04/2023-8/2032

- Obtained the building façade images of Manhattan, utilized machine learning to predict architectural styles, conducted correlation analysis between built environment and urban perception
- Responsible primarily for the composition of the thesis

#### **Research on the Regeneration of Dacang Based on Climate and Human Behavior**

Major member, Supervised by Associate Researcher Li Li (Southeast University) 02/2022-08/2023

- Disseminated climate sensors to collect microclimate data of local residential areas, responsible for the maintenance, downloading and analysis of the microclimate data
- Led the traditional house renovation based on microclimate data.

#### **2023 Internet+, Team of School of Architecture, Southeast University**

Major member, Supervised by Associate Researcher Li Li (Southeast University) 09/2022-07/2023

- Supported the project with the technical processing of the climate data.
- Conducted the initial composition of the project proposal.

#### **Urban Renewal Project in Xiaoqinhuai, Yangzhou, Jiangsu**

Major member, Supervised by Prof. Wang Jianguo (Southeast University) 06/2022-

- Collected and analyzed historical and current context of the site, collected and analyzed POI data on the site, proposed functional requirements for the site.
- Responsible for urban design and Architecture design.

#### **Research on Infrastructure Urbanization**

Group member, Supervised by Postdoc. Yang Liu (Southeast University) 11/2021-2/2022

- Conducted on-site research, collected the current status of roads, visualized the data using QGIS.
- Collected English literature related to the theme and made basic literature review.

#### **The 3<sup>rd</sup> Solar Decathlon China, Solar Ark 3.0 (Joint Team of SEU and ETH)**

Group member, Supervised by Prof. Zhang Hong (Southeast University) 05/2021-08/2021

- Participated in on-site construction.
- Responsible for personnel scheduling and record-keeping of on-site construction.

## PUBLICATIONS & MANUSCRIPTS

- [1] (*Accepted*) Chen Yinan, The Functional Transformation of Street Windows and the Construction of Urban Blocks: A Case Study of Shop Windows as Openings on the Street Facades, *The 2023 Annual National Planning Conference of China*.
- [2] (*Accepted*) Chen Yinan, Research on Survey Methodology of Micro-Regeneration for Community Streets Based on Street View Images, *The 2023 Annual National Planning Conference of China*.
- [3] (*Under Review-Abstract Accepted*) Chen Yinan, Jia Xibei, Tu Han, Ou Yiwei, Zhou Xinren, CITY DIVERSITY: HOW DO ARCHITECTURAL USES, AGES, AND STYLES AFFECT THE PUBLIC -- A case study in Manhattan through social media data, *ASCAAD 2023*.
- [4] (*Under Review*) Chen Yinan, Huang Xiaoran, Marcus White, A Study on Street Walkability for Elderly People with Different Mobility Abilities Combining Street View Image Recognition and Deep Learning, *Computers, Environment and Urban Systems*.

## SELECTED HONORS & AWARDS

- |   |      |
|---|------|
| ➤ National Scholarship for Postgraduates (National-0.2%)                      | 2022 |
| ➤ First Prize Scholarship for Postgraduates (SEU-0.2%)                        | 2022 |
| ➤ The 3rd Solar Decathlon China Individual Award Excellent Student (National) | 2022 |
| ➤ Outstanding Graduates (Undergraduate) of Southeast University (SEU-0.5%)    | 2021 |
| ➤ The 7th China Residential Environment Design Academic Year Award: Bronze    | 2021 |

## ADDITIONAL ACTIVITIES

**Architectural Design II (Studio Works) 9X9 Group 2022.9-2023.6**

Teaching Assistant | Advisor: Dietmar Eberle, Zhu Yuan, Huang Xusheng, Guo Di, Song Yacheng

- Organized one international academic conference and dealt with daily student-related affairs

**Architecture Design & Research Institute, SEU | Urban Architecture Lab 2020.7- 2020.10**

Intern | Advisor: Li Hua, Han Dongqing

- Tangquan Renewal Project: participated in the site research and urban design
- Urban Design of the Zidong New District: preliminary design of the Zidong Gulou Hospital

**Students' Union of School of Architecture, Southeast University 2016.10-2020.6**

Vice President, Minister of Volunteer Department, Vice Minister of Liaison Department

- Coordinated academic conferences, volunteer activities and school-enterprise/ school activities

## SKILLS

- Language: English – Fluent (IELTS 8.0: R-8.5, L-8.5, W-6.5, S-7.5), Chinese – Native, German & Japanese – Daily Conversational
- Software: Sketch Up, Autodesk CAD, Rhino, Grasshopper, Enscape, Photoshop, InDesign
- Programming: Python – Familiar, Processing、JavaScript – Basic
- Other skills: Photography, Piano, Cooking

## REFEREES

- Wang Jianguo: Professor, Academia of Chinese Academy of Engineering (wjg-cw@seu.edu.cn)
- Huang Xusheng: Assoc. Professor (huang\_xusheng@seu.edu.cn)
- Li Li: Assoc. Researcher (101012053@seu.edu.cn)