

## CHEN YINAN

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No.2 Sipailou, Xuanwu District, Nanjing, Jiangsu Province, China

### 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 City Diversity and Urban Perception**

Group leader, Supervised by Tu Han (MIT) 04/2023-08/2023

- 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 Data 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 Transportation Infrastructure Urbanization**

Group member, Supervised by Postdoc. Yang Liu (Southeast University) 11/2021-02/2022

- Conducted on-site research, collected the current status of roads, visualized the data using QGIS.
- Collected English literature related to the theme and made a 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 and responsible for personnel scheduling

## 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 Urban 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 Urban Planning Conference of China*.

[3] (*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

**Shenzhen Sengine Technology Co., Ltd.** 09/2023-

Intern of AIGC algorithm

- Process image dataset and train AIGC models.

**Architectural Design II (Studio Works) 9X9 Group** 09/2022-06/2023

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

**Students' Union of School of Architecture, Southeast University** 10/2016-06/2020

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, Japanese – **N2 (133/180)**, German – Daily Conversational
- **Software:** Sketch Up, CAD, QGIS, Stable Diffusion, Rhino, Grasshopper, Enscape, Lumion, Photoshop, InDesign
- **Programming:** Python – Familiar, Processing/JavaScript/Markdown – 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)