

# Curriculum Vitae

Lepeng Huang

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## Education

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### University of Washington

*Seattle, WA, USA*

Interdisciplinary Ph.D. Program in Urban Design and Planning *June 2029 (Expected)*

- Advisor: Prof. Arthur Acolin.
- Co-advisor: Prof. Qing Shen.

### Zhejiang University

*Hangzhou, China*

Master of Urban Planning

*June 2025*

- Advisor: Prof. Guoqiang Shen.
- The first graduate student in the department to achieve early graduation.

B.Eng. in Urban and Rural Planning

*June 2023*

- Outstanding graduate.
- Recommended for graduate admission without entrance exam.

## Research Interests

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Urban economics.

Real estate and housing markets.

Spatial matching of public service and population:

- Location choice, employing game theory.
- Location allocation, employing operations research.

Win-win strategies in urban planning and development.

## Publications

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**Huang, L.**, Zhang, K., Zheng, Q., Zhou, Y., Li, J., & Shen, G. (2025). Systemic planning vs. individual choice: The optimal matching for urban healthcare facilities and patient population. *Applied Geography*, 179, 103641.

**Huang, L.**, Zhang, K., Sun, Y., Shen, G., & Coursey, D. (2024). Application of Gale-Shapley Algorithm in Optimal Matching for Healthcare Facilities to Elderly Population: The Case of Hangzhou, China. *Applied Economics*, 1-12.

**Huang, L.**, Shen, G., & Zhang, K. (2025). Simulated Stable Matching for Urban Hospitals and Residential Communities. *Applied Economics Letters*, 1-7.

**Huang, L.**, Shen, G., Zhang, K. & Coursey, D., On Feasible and Stable Spatial Matching Of Urban Healthcare Facilities and Population (January 30, 2024). *Available at SSRN*: <http://dx.doi.org/10.2139/ssrn.4751132>

## Conferences

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**The 18th International Association for China Planning Conference** *July 2024*

- Oral Presentation: On Feasible and Stable Spatial Matching of Urban Healthcare Facilities and Population.

**2024 Chinese Economists Society China Annual Conference** *July 2024*

- Oral Presentation: On Feasible and Stable Spatial Matching of Urban Healthcare Facilities and Population.

## Professional Experience

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**Host of Fellow Presentations**, City+ Research Network *2025 – Present*

**Research Internship**, Urban Development and Planning Innovation Joint Research Center, China Eco-City Academy and Zhejiang University *2024 - 2025*

**International Competitions**, Overall Urban Design and Downtown Detailed Urban Design of Dongyang City *2023*

**Urban Planning and Design**, Science and Technology City of Zhuji City *2022*

**Internship**, Zhejiang University Urban-Rural Planning & Design Institute *2022*

**International Exchange Program**, Urban Regeneration and Infrastructure Construction in University of Cambridge *2020*

## Honors & Grants

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**Fellowship**, Graduate School at University of Washington *2025 - 2026*

**Outstanding Graduate**, Zhejiang University *2023*

**Fellowship**, Zhejiang University *2019 - 2022*

**Grant**, ¥10000, National Undergraduate Training Program for Innovation and Entrepreneurship *2020 - 2021*

## Synergistic Activities

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**Class Monitor and Leader**, Zhejiang University *2019 – 2023*

**Leader of Photography Department and Deputy Director**, Radio and Television Station of Zhejiang University *2020 – 2021*