

Yihan Zhang

yihanzhang_work@outlook.com | +1 (510) 710-6261 | Philadelphia, PA

LinkedIn: <https://www.linkedin.com/in/esther-yihan-zhang/> | GitHub: https://estheryhzhang.github.io/yihanportfolio_EN/

EDUCATION

University of Pennsylvania, U.S. | GPA 3.95/4.0 **09/2020 – 05/2023**

Master of City Planning, Public and Private Development Concentration | Real Estate Design and Development Certificate

Relevant Courses: Real Estate Development (Wharton), Urban Finance, Geospatial Data Analysis and Machine Learning

South China University of Technology, China | GPA 3.88/4.0 **09/2015 - 06/2020**

Bachelor of Engineering in Urban and Rural Planning

Relevant Courses: Urban Design, Comprehensive Planning, Urban Economics

PROFESSIONAL EXPERIENCES

Housing Initiative at Penn | Research Assistant | Philadelphia, PA **06/2022 – Present**

- Research & Data analysis: Worked on the California Emergency Rental Assistance Program research project. Focused on evaluating the influence of the program on housing stability and eviction prevention, using R to run statistical analysis, regression, spatial regression with 690,000+ lines of records and produce data visualization.

Vanke Co., Ltd. | Market Analysis Intern | Guangzhou, China **04/2021 – 08/2021**

- Real estate market research & Financial feasibility analysis: Wrote weekly and monthly market reports about macroeconomics, supply and demand, absorptions, price trend, construction activities, policy changes and marketing strategies of competitive properties. Conducted market analysis and financial feasibility study for several multi-block residential projects before land acquisition.

Guangdong Urban & Rural Planning and Design Institute Co., Ltd. | Housing Policy Research Center |

Research Assistant | Guangzhou, China **01/2021 – 04/2021**

- Housing policy research: Researched innovative affordable rental housing programs and policies, including integrating affordable housing in urban regenerations, affordable housing REITs etc.
- Housing plan: Participated in the drafting of city-level 2020–2025 housing plans.

China Academy of Urban Planning and Design | UrbanXLab | Intern | Beijing, China **09/2021 – 12/2021**

- Software development: Learnt C# from scratch and finished developing shade and radiation analysis module for the sustainability analysis function of UrbanXTools. Scraped and cleaned data for transportation simulations using Python.

DP Architects (Singapore) | Intern Urban Planner | Guangzhou, China **05/2020 - 07/2020**

- Urban design: Participated in concept designs and comprehensive plans for an innovative industrial park and other projects. Worked on design research, scheme development, 3D modeling, rendering and visualization.

ACADEMIC EXPERIENCES & PROJECTS

Delft University of Technology, Netherlands **07/2018**

Summer Program: Planning and Design with Water

2021 ULI Hines Urban Design Competition | Leader **01/2021**

Conceptually designed a transit-oriented project in Kansas City, MO. Responsible for pro forma building with public funding from LITHC, strategies and narrative developing, team coordination and timeline setting.

Progressive Development | University of Pennsylvania, PA **01/2022 – 05/2022**

Examined property development as a policy tool to promote social welfare and environmental sustainability. Course works included pro forma building with LITHC, NMTC, HTC, TIF and Community Land Trust etc.

ACTIVITIES & LEADERSHIP

Urban China Collective (UCCPenn) | President **05/2022 - Present**

Student Union of School of Architecture, SCUT | Head of the Editorial Department **03/2017 - 03/2018**

SKILLS

Language: English (Proficient) / Mandarin (Native) / Cantonese (Native)

Software: R / Python / C# / Microsoft Office / ArcGIS / QGIS / RStudio / VS Code / Jupyter Notebook / ARGUS /

Rhino / SketchUp / Adobe (Photoshop, Illustrator, InDesign, Premiere) / Vray / Grasshopper