

*“Dai is an urban planner focused on integrating machine learning, philosophy, mathematics and theology into urban development. She believes that cities are not just living structures but also reflections of cultural identity, human thinking, and the ethical foundations of society.”*

### Leadership and Activities

**UNIVERSITY OF ARCHITECTURE HO CHI MINH** • Ho Chi Minh City, Vietnam.

**Team leader**

04/ 2018

Led the team of 17 members from 7 universities in Vietnam in the Architecture Student Festival in 2018.  
Won 4 award categories: 2nd prize Sketch B; 3rd prize Sketch A; 3rd prize Presentation; Consolation prize Sketching.

### Experience

**Deso-Asia** • Thu Duc, Ho Chi Minh City, Vietnam.

**Urban Planner**

07/2022 – 04/2023

- Proposed planning strategies and materialize them by blueprints and planning parameters based on sustainability principles. Managed tasks and optimized time. Coordinated with the team to complete deadlines with excellent quality of work. The satisfaction from clients and local authorities for project strategies were typically 90-95%.
- Attended many scales of urban planning projects in Vietnam: 1/10.000; 1/2000; 1/500.

**Boconcept** • District 1, Ho Chi Minh City, Vietnam.

**Interior Decorator**

04/ 2019- 06/2020

- Designed apartments, villas, showflats.
- Decorated showroom, show window lively every month, attracted customer attention then increased 30% store traffic thanks to that the accessory sales revenue enhanced 35-40% because customers knew how to mix-match accessories.
- **Presented for the opening event of Asia's largest Boconcept showroom 10/05/2019.**

**Kienviet.net** • Ho Chi Minh City.

**Writer**

04/ 2018- 10/2020

- Reported news/events, wrote about architectural perspectives, translated architecture/ urban planning/ interior design news from English to Vietnamese.

### Education

**UNIVERSITY OF ARCHITECTURE HO CHI MINH**

Bachelor degree in Urban planning.

class of 2014 - 2019

Thesis: The detailed planning 1/500 of the area belongs to ward 13, district 4, Ho Chi Minh City.

**NGUYEN CONG TRU HIGH SCHOOL**, district Go Vap, Ho Chi Minh City, Vietnam.

class of 2010 - 2013

### Skills & Interests

**Skill:** Communication with clients, presenting, hand sketching, writing, managing time, critical thinking.

**Technical:** QGIS, Python, ML. Highly proficient in ACAD, Photoshop, InDesign, Illustrator, Sketchup, Enscape.

**Language:** Fluent spoken and written in English, Vietnamese.

**Interests:** Keen interest in interdisciplinary research.

### Selected Writings

- Dai T.N.Bui (2025), [AI Fairness for cities—Fairness or an ethical trap? Transforming 1000+ public facilities in Ho Chi Minh City with AI Fairness](#). Personal research blog.
- Dai T.N.Bui (2025), [How to transform smart cities in developing countries? From data to democracy](#). Personal research blog.

### Works in Progress

- *AI Ethical Risks in Urban Planning: From Application to Policy*, (Target journal: Journal of the American Planning Association., expected submission 10/2026).
- *Towards an Interdisciplinary Framework for Applying Machine Learning in Urban Planning: From Spatial Interpretation to Matrix Mapping and Ethical Risks*, v0.5—Working Draft. (Target journal: Sustainable Cities and Society or AI & Society., expected submission 6/2026).

## Grants and Funding

- Open Philanthropy— Applied for an independent research grant on “*AI Governance and Ethical Risks in Urban Systems*” (Career transition project from Urban Planning to AI Ethics). **Status:** Submitted / Not funded.
- EA Funds— Applied for grant to develop a mini-ecosystem through articles, research projects, open library, and talkshows on AI ethical risks in urban systems. **Status:** Submitted / Pending.

## Achievements

- **The 6 finalists for Beyond YUE, Jianhu Revival, Shaoxing Jianhu Planning and Design Competition.** 10/ 2022
- **2 Consolation Prizes, Scientific Research.** 03/ 2019  
My role: Gave strategy proposals, wrote the essay. Presented the thesis and answered questions from the judges.
- **2nd Prize Sketch B, Architecture Student Festival.** 04/ 2018  
My role: Gave strategies proposal; Designed masterplan, elevations and section; Did the physical model.
- **3rd Prize Presentation, Architecture Student Festival.** 04/ 2018  
My role: Presented and answered questions from the judges.