Di Zhang
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Education

Harbin Institute of Technology

B.Arch (3.82/4.0), M.Eng (3.75/4.0, Recommended Admission)

2018 – 2025

Awards

Technical Skills

Programming: Python (ML, CV, LLM), MATLAB, C++

Design Tools: Rhino, Grasshopper, Revit, Ladybug/Honeybee, Unity, Arduino

Research Experience

Adaptive Façade Control System — HIT, 2023–2025

Dual deep-learning pipelines for gaze & glare; Arduino-controlled prototype; experimental validation.

LLM-based Building Data Management (Prima-databot) — HKUST, 2024–2025

Multi-agent framework (Planner–Coder–Verifier) for Brick-model data automation; JBE under review.

Publications (Selected)

Building Simulation (Q1, IF 4.7) — Major Revision

Journal of Building Engineering (Q1, IF 7.6) — Under Review

Research Interests