Leyi Han

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EDUCATION

Carnegie Mellon University   05/2026

Bachelor of Architecture (B.Arch)

Additional major in Human Computer Interaction (HCI)

WORK EXPERIENCE

Rothschild Doyno Collaborative   05/2024 – 08/2024

Summer Fellow

- Design and documentation for CMU Tepper, Latino Community Center, and social housing projects with Revit.
- Collaborated with Studio Libeskind on the design of the Tree of Life Memorial in Pittsburgh using Rhino
- Presented to clients during community meetings for Catapult social housing and the Tree of Life Memorial

Beijing Institute of Architectural Design (Group) Co.   05/2023 – 08/2023

Architecture Intern

- Created technical drawings for commercial and office buildings on AutoCAD
- Designed and created detailed wall sections for building rainscreen facades on AutoCAD

Carnegie Mellon University

Digital Media Teaching Assistant   01/2024 – 05/2024

- Assisted software teaching including Rhino, Vray, Keyshot and Photoshop

Studio Teaching Assistant   08/2024 – 12/2024

- Assisted and supervised student design of an ecological school for second year architecture studio

PROJECT & RSEARCH EXPERIENCE

Sankofa Community Garden

- Designing, prototyping and building a low-cost greenhouse for Pittsburgh community using repurposed bamboo.

3D Robotic Mesh

- Research Assistant for development of a 3D Robotic Mesh using Grasshopper and Kangaroo under a PhD.

Bamboo Bending Robotics

- Using Robotic arms to manufacture bamboo modules for a Bamboo Pavilion using CNC and bending techniques.

AWARDS

2nd Place | EPICS METALS Architecture Competition   2024

SKILLS

Software: Rhino, Revit, Photoshop, Illustrator, InDesign, Enscape, Grasshopper, AutoCAD, Vray

Methods: Site analysis, Climate analysis, GIS Mapping, MEP Planning, 3D printing, Model-making, Photography, Building Optimization, User research and testing, Communication with Client, Teamwork, Public Speaking, Publication