Ming Chen

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Portfolio: https://issuu.com/ming-chen-architecture/docs/portfolio_2025

LEED GREEN ASSOCIATE

Education

University of Pennsylvania, Weitzman School of Design, Master of Architecture, Philadelphia, PA   2021.08 - 2024.05
- Certification: Integrated Product Design
- Relevant Courses: Ecology, technology and Design (Environmental Building Design); Material Formation & 704 studio with Mette Thomsen (Robotic arms fabrication & design); Remixed Realities (VR); Design and development (Real Estate)
- Workshop: Studio RAP Robotic workshop, Sustainable green wall design and 3d print with clay.

University of Liverpool, Bachelor of Art of Architecture (RIBA Part 1), Liverpool, UK.   2017.09 - 2021.06

Professional Experience

Yale University, Yale CEA, Research Assistant. New Haven, CT   2024.08 - Current

Research Assistant of Professor Anna Dyson for research on **Bio materials and Sustainable Architecture**
Edit the **Request for Proposal** for a competition project **(Successfully move to next round)**
Collaborated and **Communicated** with Principles, Partnerships and Architects
Experimented with the **prototypes** for **foldable and sustainable structure** with bio materiel for the Ehibition
Assembled the interior installation on site for the Pop Up Shop at SOHO NYC by using sustainable materials.

University of Pennsylvania, Weitzman School of Design, Teaching Assistant. Philadelphia, PA   2024.01 - 05

Teaching Assistant of Professor Ryan Palider for ARCH 5020 Design Studio II
- **Desk Crit** for students and help them solve design or tech problems
- Participated in **student council meetings** that addressed student concerns and supported the teaching environment

BENOY, Architecture Internship. Shanghai, China   2023.05 - 08

Projects: DD&CD for Alibaba Jiangsu Headquarters, CREDAWARD, shortlisted at the prestigious 2020 WAN Awards
        DD for the Suzhou Central Project
        Competition submission for #6 Department Store Renewal, WAFC Awards, CREDAWARD, Gold Award for Future Project
- Design & Modelling: **Designed the facade** for Alibaba Jiangsu Headquarters using Rhino and Grasshopper and **3d printed** test model / **Digital modelling** for other projects with Rhino, Grasshopper, and SketchUp.
- Rendering & Editing: Performed **in-house renderings** using Enscape / **Enhanced images** with Adobe Photoshop.
- Presentation & Prototyping: **Developed project portfolios** and slides using Adobe Suite / **Produced the graphics** for analysis, diagraming, modelling and research / Utilized 3D printing for physical model prototypes and Tested with **on site mock up model** with the construction team and MEP consultant
- Technical documentation & Detailing: Utilized AutoCAD for detailed Plan, Section, Elevation, and Construction drawings.

Architects and engineers CO. , LTD. of Southeast University, **Architecture Internship.** Nanjing, China   2018.06 - 08

Project: SD for Yibin Cultural Center and Museum, Yibin Youth Activity Center, and other projects.
- Research and Conceptualization: **Researched on citys' history and culture** to integrate schematic design of various projects.
- Presentation and Documentation: Created and edited **project portfolios and presentation** slides using Adobe Suite.
- Design Development: Assisted with **adjusting facade designs** and digital modelling works using SketchUp.
- Award Application Preparation: Organized and compiled documents for the Design Institute's award submissions.

Awards and Certificates

Finalists of BVH Brise Vent Havre Competition, France. Issued by TerraViva   2024.09
- Finalists among hundreds of design teams around the world
- Developed a **renovation design** for a historic concrete structure, facing the port of Le Havre

LEED Green Associate   2024.07

2022 Perkins Eastman Studio, (BLTa) Student Design Competition Second-place, Philadelphia, PA   2022.03
- Time-bound project of 9 hours
- Developed a **renovation design** for a historic building, focusing on enhancing resident comfort and revitalizing structure

Zijing Award College Student Design Exhibition First-place the best Exhibition prize, Nanjing, China   2019.11
- **Researched** and **Recorded** the traditional lifestyle in Suzhou and define the relationships among city, human and architectural elements
- Used **physical models** to 3d Collage the culture, history and architecture
- Designed the possible ways to **revitalisation** of the old Suzhou.

Heritage Innovation Award in Suzhou Design Week, Suzhou, China   2019.10

Skills

2D: Adobe Suite, Bluebeam,
3D: Rhino, Grasshopper, Revit, SketchUp, AutoCAD, Unity, Z Brush
Render: Twinmotion, Enscape, Lumion, Keyshot, VRay
AI: MidJourney, Dall.E, Visoid
Physical Model making (3D Print, CNC, Lasercutting) and Fabrication

Drafting and general Computing Skills and basic programming skills with **Aduino**
Photograph and **Photogrammetry**
Languages: Chinese (Mandarin) - Native Fluency, English - Advanced proficiency