

CHENG-HSIN CHAN

London, United Kingdom
chenghsinchan@gmail.com

Design Researcher | Registered Architect
chenghsinchan.com

EDUCATION

Massachusetts Institute of Technology (MIT) 9/2022–6/2024
Master of Science in Architectural Studies in Urbanism (MIT SMarChS Urbanism) Cambridge, MA
Graduate Fellowship/ Taiwan Government Scholarship

MIT Sloan School of Management
MIT Sloan Business Analytics Certificate
Data Analytics, and Product Management

Harvard University 1/2023–6/2024
Cross Registration at Harvard Kennedy School, T.H. Chan School of Public Health Cambridge, MA
Area of Focus: Big Data, AI, and Urban Policies; Gender and Health

Tunghai University (THU) 9/2013–6/2018
Bachelor of Architecture Taichung, Taiwan
Thesis Design: Project Title: “Forest of the Absences”; First Place, Graduation Thesis Design Award

EXPERIENCE

AtkinsRéalis– Research & Innovation Lab 10/2024–
Senior Environmental Design Researcher London, UK

- Created NEOM Oxagon masterplan plots using GIS, integrating planning data with the Architecture & Master Planning team.
- Conducted environmental analyses with Architecture & Landscape teams, leveraging cloud-based tools and BIM integration.
- Developed the Building Retrofit Toolkit, explored Life Science project opportunities, and led strategy workshops with senior leadership.

National Gallery of Art 6/2024–9/2024
Assistant project coordinator Vilnius, Lithuania

- MIT MISTI Eurasia Fellowship

MIT Office of Sustainability 5/2023–1/2024
Climate Resiliency and Adaptation Planning Researcher Cambridge, MA

- Provided guidance on MIT climate resiliency strategy rollout, leveraged performance metrics for data-driven evaluations, and explored visualizations of climate risk impacts.
- Designed an audit form to capture risks to basement assets, developed a proactive framework for MIT DLC’s to address identified climate risks, and collaborated with stakeholders to formulate climate action strategies.

MIT International Science and Technology Initiatives (MISTI) 7/2023–8/2023
HK Impact Ambassador Hong Kong

- The MIT Hong Kong Innovation Node and MITdesignX 2023 Urban Technology Week

MIT Architecture 11/2022–12/2023
Mentor Cambridge, MA

- The applicant mentorship program

Predesign ArchLab 4/2021–1/2023
Project Manager Taipei, Taiwan

- Managed a team of 5 people working on private and public architectural projects.
- Developed an urban renewal project for Overseas Radio and Television, Inc. (ORTV) with a total 19,000,000 USD budget. (SD, DD)
- Collaborated with community organizations, businesses, and schools to visualize renovation ideas through interactive 3D animations and fostered stakeholder cooperation for access to the multimedia environment, resulting in successful technology-enhanced educational experiences.

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- Developed conceptual and detail drawings for Hukou Kindergarten and Taipei Public Library-Kangning Branch, which both won first prize in competition led to commission and are under construction.

Office for Metropolitan Architecture (OMA)

7/2022–8/2022

Contract Architect

Taipei, Taiwan

- Designed a 23-story urban renewal residential tower, featuring over 30 distinct living unit types that integrate work and living spaces. (SD)

Behet Bondzio Lin Architekten (2bxl)

9/2018–3/2021

Architectural Designer, Project Manager

Taipei, Taiwan

- Led 10 architecture projects with a total floor area of over 100,000 sqft, demonstrating successful project management and execution for large-scale projects.
- Proposed sustainable design solutions, oversaw project execution, and delivered multiple revisions of construction drawings for the Promised Land Church project, which was successfully completed and won the 2022 Taiwan Architecture Prize. (CD, DD, CA)
- Developed plans and produced drawings and digital models of the community center, 220 living units, and commercial spaces for the Taoyuan Cingpu residential tower project. (SD)
- Worked in close collaboration with client representatives, MEP/FP specialist consultants, and contractor teams to support project coordination, which improved projects' progress by 40%.

Tunghai University & Shihchien University

6/2019–1/2021

Teaching Assistant & Guest Critic

Taichung, Taiwan

- Delivered and prepared courses for the 4th year Architecture Design Option Studio course.

Kris Yao | Artech

6/2017–8/2017

Architectural Intern

Taipei, Taiwan

- Involved in the facade design of Google's new office complex at Taipei Far Eastern Telecom Park (Tpark).
- Assisted in designing the Children's Mental Health Center and prepared drawings and reports for presentation.

LICENSE

Architect

2024

Credential ID 8665

Issued by *Ministry of the Interior (Taiwan)*

Qualified Interior Construction Technical Personnel

Credential ID 40EC132883

Issued by *Ministry of the Interior (Taiwan)*

Qualified Interior Design Technical Personnel

Credential ID 40EC132883

Issued by *Ministry of the Interior (Taiwan)*

HONORS & AWARDS

MISTI Eurasia Fellowship

6/2024

Issued by *MIT International Science and Technology Initiatives*

MIT Sandbox Innovation Fund Program

2/2024

Issued by *Massachusetts Institute of Technology*

CAMIT Seed Grant

1/2024

Issued by *the Council for the Arts at MIT*

MISTI China/ HK Fellowship

7/2023

Issued by *MIT International Science and Technology Initiatives*

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Government Scholarship to Study Abroad Issued by <i>Ministry of Education, Taiwan (R.O.C.)</i>	6/2022
MIT Department of Architecture Graduate Fellowship, Tuition scholarship+ stipend Issued by <i>Massachusetts Institute of Technology</i>	5/2022
Second Place, The Linkuo Bread of Life Christian Church Design Competition Issued by <i>The Bread of Life Christian Church</i>	1/2021
First Place, Hukou Kindergarten Design Competition Issued by <i>Hsinchu City Government</i>	9/2020
First Place, Taipei Public Library Kang-Ning Branch Design Competition Issued by <i>Taipei City Government</i>	6/2020
Emerging Architects Award, TEAM20 6th Architecture & Urban Planning Competition Issued by <i>Chinese Institute of Urban Design</i>	7/2018
First Place, “ <i>Forest of the Absences</i> ,” Graduation Thesis Design Issued by <i>Tunghai University, Dept. of Architecture</i>	6/2018
Finalist, “Observatory Houses, Roccascalegna, Italy,” Young Architects Competition Issued by <i>YAC</i>	8/2017
Honorable Mention, Social Housing in Taipei Issued by <i>Taipei Architects Association</i>	6/2017
Top 10 Finalist, Project X-site Issued by <i>Taipei Fine Arts Museum</i>	5/2016
Third Place, Paochen Creative Park Design Competition Issued by <i>Paochen Group</i>	3/2016
EXHIBITION	
2025 Venice Architecture Biennale, “ <i>Shaping Thermal Performance</i> ” Group exhibition with MIT Architecture & Antikythera	5/2025 Palazzo Diedo, Venice
Thesis Research Project, “ <i>Damp Skin</i> ” Group exhibition granted by MIT Center of Art	9/2024 MIT Wiesner Student Art Gallery
MIT Students Art Showcase, “ <i>The Soft Reality</i> ” Group exhibition organized by MIT Center for Art, Science & Technology	4/2024 MIT Lobdell
Cartographies of Entanglement, “ <i>Horse to Horsepower</i> ” Group exhibition organized by Mohamad Nahleh	4/2023 MIT SA+P HQ
Project Taichung, Project: The Folly, “ <i>Dadu Mountain</i> ” Group Artists exhibition organized by Tien Ling	7/2021 Taiwan Contemporary Culture Lab
Into the Arms of Stillness Group exhibition by Behet Bondzio Lin Architekten	4/2021 The 201 Art Gallery
IN-Site Exhibition: Ambiguous Atmosphere, “ <i>Sensing</i> ” Group exhibition on X-site proposals	10/2019 Taipei Fine Arts Museum
2018 International Exhibition of Architecture Graduation Design (IEAGD) Best graduation projects from Japan, Singapore, Hong Kong, and Taiwan selected	8/2018 Cultural Affairs Bureau

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Degree Show Graduation Exhibition, “Forest of the Absences”
Thesis design exhibition by THU Department of Architecture

7/2018
Taichung MTA Terminal

PUBLICATION

- “Saulės Rāsos Pasaulis: *Under the Baltic Sun, Dew-Kissed Dawn, and Beyond Nocturne*,” 9/2024
ISBN 978-626-01-3222-4, Self-published book, Archived by Lithuania National Gallery of Art
- “Remembering Forward,” Essay, *Silt, HOME/ NOT HOME*, Issue 1, 3/2024
MIT Department of Urban Studies and Planning (DUSP)
- “Sensing,” Shortlisted Proposal, *In-Site-Out: X-site 2014-2020*, Taipei Fine Arts Museum 1/2021
- “Forest of the Absences,” Thesis design, *Taiwan Architecture Magazine* Nov. 2018, vol. 279. 6/2018

SKILLS

Architecture & Urban Design • Digital Design • Design Research • Project Management • Climate Resilience & Sustainability • Data Analytics & Visualization • GIS • Digital Modeling & Rendering • MEP/FP Coordination

Design: Adobe Suite (Ps, Ai, Id, Pr), AutoCAD, SketchUp, Rhino, Revit, V-ray, Lumion, Enscape, Unity, Unreal Engine, Figma

Research: Microsoft Office Suite, ArcGIS Pro, QGIS, SimScale, Ladybug tools, Python, R, Html, CSS, Tableau

Fabrication: Physical Model Making, Razor Cutting, 3D Printing, CNC

Languages: Mandarin (Native); Taiwanese Hokkien (Fluent)

REFERENCE

Rosalyn Shieh
Assistant Professor, MIT Department of Architecture
rshieh@mit.edu

Yu-Han Michael Lin
Founder Architect, Behet Bondzio Lin Architekten
lin@2bxi.com

Roi Salgueiro Barrio
Lecturer, MIT Department of Architecture
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Hao-Hsiu Chiu
Associate Professor, THU Department of Architecture
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