

Jason Lim Teck Chye, Sc.D

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Director of Yume Architects, a design-focused award-winning practice, and experienced educator working across computation, material practice, and emerging technologies in architecture. He was co-curator and designer of the Singapore Pavilion at the Venice Architecture Biennale in 2018 and 2025.

Professional Practice

Director, Yume Architects (formerly TakahashiLim A+D), 2017-present

Yume Architects is a Singapore-based design practice whose work spans residential architecture, cultural projects, exhibitions and public installations. The practice integrates computational methods, digital fabrication and adaptive reuse strategies into built work.

Selected Projects

- Under This Shelter, You Will Find Rest—Vivekananda cultural centre (ongoing)
- The Collector's Home—Good Class Bungalow (ongoing)
- Rasa Tabula Singapura—Singapore Pavilion, 2025 Venice Biennale in collaboration with SUTD
- Tsao Foundation Active Aging Centre—integrated eldercare-clinic-office facility
- House at the Corner—detached house with basement and attic
- Linked Terraces—semi-detached house with attic
- Crescent Wall House—detached house with basement and attic
- Body. Heart & Soul—public interactive art installation in collaboration with Tinkertanker
- House of Light and Shadow—semi-detached house with attic
- Delight—Singapore Pavilion, 2018 Venice Biennale in collaboration with Genome Architects

Selected Recognition/Awards

- 2026 SIA Competition Winner — Vivekananda Cultural Centre
- 2025 German Design Award — Linked Terraces
- 2025 Kyoto Global Design Award — Linked Terraces
- 2025 Architecture MasterPrize (Honourable Mention) — Linked Terraces
- 2023 iF Design Award — Body. Heart & Soul

- 2021 SIA Design Award – Delight (Singapore Pavilion)

Academic Appointments & Teaching

Architecture and Sustainable Design (ASD), Lecturer (2019-2025); Adjunct Assistant Professor (2017-2018), Singapore University of Technology and Design (SUTD)

Jason's teaching explores the intersection of computation, material practice and emerging technologies in architecture. Through design studios and technical courses, he investigates how digital tools, fabrication methods and environmental performance can inform architectural design and research-through-design pedagogy.

Studios Developed and Led

- Welcome to the Erased Neighbourhood: Infrastructures of Hospitality (2025)
- The Deep Library (2020-2025)
- Future Health Thesis lab (2022-25)
- Staging Singapore: Osaka World Expo 2025 (2024)
- Breathe: Healing Architecture (2021)
- Computable Atmospheres (2018-19)
- Inujima Art House Project (2017)

Core courses and electives

- Computational Thinking for Design (2020-2025)
- Building Information Modelling (2021-2025)
- Material Computation (2018-2021, 2024)
- Introduction to Design Computation (2017-2023)
- Augmented Design (2019)
- Core 1 design studio (2019)

Selected Leadership and Collaborations

- Co-led and coordinated a 30-member teaching team to deliver Computational Thinking for Design—a foundational course taught to first-year students across all disciplines
- Developed international collaborations with University of Tokyo, Kyoto Institute of Technology and SingHealth.

Selected Publications

- Lim, J. (2022). "Enjoy the Silence." In *The Pandemic Effect: Ninety Experts on Immunizing the Built Environment*. Princeton Architectural Press.
- See Tow, J.W., Yogiama, C., & Lim, J. (2025). "A Study on the Use of Agent-Based Modelling and Field Studies in the Planimetric Design Process for Students." *CAADRIA 2025*.
- Lim, J. (2018). "Delight: Lattice Cloud." *ACADIA 2018 Projects Catalog*.
- Lim, J. et al. (2014). "Robotic Metal Aggregations." *CAADRIA 2014*.
- Lim, J. (2014). "Live Robot Programming." *Journal of Professional Communications*.

Selected Exhibitions, Lectures and Workshops

Exhibitions

- Singapore Pavilion, Venice Biennale—Rasa Tabula Singapura, No More Free Space (2018, 2025)
- CAADRIA Projects Exhibition—Shader-based Design (2025)
- ACADIA Projects Exhibition—Delight Lattice Cloud (2018)

Invited Lectures

- University of Tokyo (2024, 2025)
- ETH Zurich (2018)

Workshops

- Gaussian Splatting Workshop, University of Tokyo (2025)
- Creative Coding Workshop, SUTD (2020–2023)
- Robotic Fabrication Workshops, ETH Centre and RMIT (2013–2014)
- CAADRIA Workshop (2014)

Education

- Doctor of Sciences (Sc.D), ETH Zürich, Switzerland, 2016
Dissertation: *YOUR: Robot Programming Tools for Architectural Education*
- Master of Engineering (M.Eng.), Stevens Institute of Technology, USA, 2010
- Bachelor of Architecture (B.Arch.), Cornell University, USA, 2007

Previous Appointments (2008-2017)

- Studio Leader, National University of Singapore, Department of Architecture
- PhD Researcher, GramazioKohler Research Future Cities Laboratory / ETH Zurich
- Instructor, Parsons School of Design
- Instructor, Stevens Institute of Technology
- Architectural Designer, BriggsKnowles Architecture + Design