

curriculum vitae	Ian Ting	ianting@protonmail.com +1 203-390-0228
Education		
2022 - current	EPFL - École Polytechnique Fédérale de Lausanne doctoral student, CRCL - Lab for Creative Computation	lausanne, switzerland
2019 - 2022	Princeton University master of architecture (m. arch)	princeton, new jersey
2011 - 2016	University of Michigan bachelor of science in architecture	ann arbor, michigan
Work Experience		
2019 - 2022	C.R.E.A.TE Laboratory - Princeton University research assistant	princeton, new jersey
2019 - 2022	Embodied Computation Lab - Princeton University workshops assistant	princeton, new jersey
2020	MPdL Studio architectural designer	princeton, new jersey
2017 - 2019	Pelli Clarke Pelli Architects architectural designer projects: philippines new senate, austin block 85, muscarelle art museum, tokyo tora asa tower, houston rosewood hotel	new haven, connecticut
2017	Synecdoche Design Studio fabrication designer lead role in fabrication of furniture and architectural installations	ann arbor, michigan
2015 - 2016	T+E+A+M architectural assistant projects: Detroit Re-assembly Plant; Ragdale Ring Competition 2016	ann arbor, michigan
2014	Atelier FCJZ 非常建筑 architecture intern	beijing, china
2013	URBANUS 都市实践 architecture intern	beijing, china
2011 - 2012	RVTR undergraduate research assistant	ann arbor, michigan
Teaching		
fall 2022	Teaching Assistant - EPFL architecture 503: Computational Design and Making	
spring 2022	Teaching Assistant - Princeton University architecture 204: Introduction to Architectural Design	
fall 2021	engineering 250: Community Project Studios	
spring 2021	engineering 202: Designing Sustainable Systems	
fall 2020	architecture 311: Building Systems	
spring 2020	architecture 374: Computational Design	
2020, 2022	Instructor - Princeton Academy of Art Introduction to Spatial Design	

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Teaching (cont.)		
fall 2015	Teaching Assistant - University of Michigan architecture 201: Basic Drawing	
Academic Activity		
fall 2021	ACADIA 2021 Workshop: Remote Robotic Assemblies member of two-person team which designed, organized, and facilitated remote live robotic assembly of timber space-frame structure	
2021 - 2022	NOMAS - Princeton University event & invited lecture committee	
2019 - 2020	Pidgin Architecture Journal - Princeton University editor	
Publications		
2021	“Robotic additive construction of bar structures: Unified sequence and motion planning”, Construction Robotics, vol. 5. Link Authors: Yijiang Huang, Caelan Garrett, Ian Ting, Caitlin Mueller & Stefana Parascho	
2020	“Human-robot collaboration: a fabrication framework for the sequential design and construction of unplanned spatial structures”, Digital Creativity, 4. Link Authors: Edvard P. G. Bruun, Ian Ting, Sigrid Adriaenssens & Stefana Parascho	
2020	Pidgin 26, 27, 28 Editors (inclusive, alphabetical): Anna Kerr, Chase Galis, Christina Moushoul, Ian Ting, Jamie Lipson, Jonah Coe-Scharff, Ryan Hughes, Sonia Ralston	
Awards + Grants		
2021	Princeton Mellon Initiative Grant (Princeton University) project: “Robotic Clay Fabrication and Nonplanar Form-Making” developed grasshopper-to-arduino controller, clay extruder, and cooperative robotic 3d-printing process	
2020	Humanities Council Magic Grant (Princeton University) project: “Remote Communications for Architectural Robotics in Education”	
2020	Connecticut Architecture Foundation Scholarship	
2015	Architecture Student Research Grant and Exhibition (University of Michigan) project: “Hyper Unreal: Spatial Interaction inside Two-and-a-half Dimensions”	
2015	Honors Thesis Fellowship (University of Michigan) project: “Modes of Spatial Representation in Late Imperial China and the Lei Family Architects”	
2015	International Institute Research Grant (University of Michigan) project: “Yangshi Lei Architectural Archive Research”	
2012	University of Michigan Energy Institute Summer Fellowship (University of Michigan) project: “Post-Carbon Highway” w/ RVTR	
Skills		
languages: English (native), Mandarin (limited working), Japanese (limited working), French (A2) software: Rhino, Grasshopper, Vray, Adobe Creative Suite, Fusion 360, Unity, Revit code: Python, Arduino C++, C#, React.js fabrication: Industrial Robotics, FDM + SLA 3d Printing, CNC Milling, Woodworking, Welding		