Shi Yu Chen (Jessica Chen)
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SHI YU
CHEN
RÉSUMÉ

EDUCATION:

Harvard University Graduate School of Design, Cambridge, MA, USA
Candidate for Master in Design Studies concentrating in sustainable design and computational design.
Highlights of course work include:
- Advanced Topics in Embodied Carbon in Buildings
- Advanced Applications in Sustainable Architecture
- Introduction to Computational Design
- Enactive Design: Creative Applications through Concurrent Human-Machine Interaction

September 2020 - May 2022 (expected graduation date)

McGill University, Montreal, QC, Canada
Bachelor of Science (Architecture)
September 2015 - May 2019

EXPERIENCES:

Co-Founder - Cardinal LCA, Toronto, ON, Canada
Research and develop Cardinal LCA – a grasshopper plug-in for embodied carbon analysis in the early design stage
Feb 2021 - Present

Architectural Intern - Gensler, Shanghai, China
Massing models, photoshop renderings, presentation preparation
May 2017 - July 2017

Architectural Intern - TAES Architects, Toronto, ON, Canada
Working drawings
May 2016 - Aug 2016

SKILLS:

Software: Rhinoceros, Grasshopper (Climate Studio, ladybug, honeybee, butterfly), Revit, Photoshop, Illustrator, InDesign, Processing, p5.js, Microsoft Office
Programming: Python, C#, C
Language: English, Chinese (Mandarin)

AWARDS:

MDes Research and Development Award
Funding for presenting the research on an embodied carbon analysis framework for the early design stage at the ACLCA conference in September 2021
Spring 2021

Pekka H. M. Erkkila Scholarship
Awarded by the Dean of Engineering to outstanding students
Winter 2017

Second Place Award in Ephemeral Architecture Contest - RÊVE ÉTOILÉ, Co-Designer
A theme suite with the basic materials of ice and snow
January 2017