

Curriculum Vitae

Justin Lieberman

MIT M.Arch Candidate

Aspiring Architect

Contact

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Education

2025 - Present

Massachusetts Institute of Technology (MIT) - M.Arch, Cambridge, Massachusetts

- Relevant courses: Architecture Studio, Building Technology, History/Theory/Criticism, Computation

2019 - 2024

Sept June

Toronto Metropolitan University Architectural Science CO-OP - BArch Sci, Toronto, Ontario

Formerly known as Ryerson University, Graduated from the CO-OP honours program with distinctions.

- Relevant courses: Design + Integration Studios, Construction Documentation, Sustainable Detail, Construction Detailing, Architectural History, Structures, Architectural Theory.

2018 - 2019

Sept June

University of Manitoba Environmental Design U1, Winnipeg, Manitoba

- Relevant courses: History of Culture, Ideas and Environment, Visual Literacy

Professional Work Experience

2024 - 2025

Sept August

D'Arcy Jones Architects - Designer, Vancouver, British Columbia

I worked on multiple residential projects in Vancouver and Competition Entries. My responsibilities included:

- Proposal to the Prix de Rome competition.
- Proposal to the Warming Huts Winnipeg Competition.
- Interior design lead for a single-family residential home in Vancouver.
- Lead Visualization creator for many projects.
- Lead of the new office website design and construction.

2022 - 2023

May Sept

D'Arcy Jones Architects - Student Intern CO-OP, Vancouver, British Columbia

I worked on a diverse range of residential projects in Vancouver which include a re-zoning proposal, an addition to an existing home, a renovation, and a new build. My responsibilities included:

- Lead a proposed for a re-zoning of one property lot into three "mini" lots.
- Comprehensive digital modeling with Rhino and AutoCad.
- Participation in Client and Contractor meetings.
- Many site visits for as-built measurements and deficiency reviews.
- Design and coordination lead for exhibition's at Dalhousie University and at the University of Manitoba.

2021 - 2021

May Sept

5468796 Architecture - Summer Student, Winnipeg, Manitoba

I worked on preliminary designs for two mid-rise projects in Victoria. My responsibilities include:

- Designed and built physical models for client presentations.
- Involved with client and city meetings.
- Created visualizations for city approval.

2018 - 2019

May Sept

Edward Broeders - Summer Student, Online

I was recommended by a professor to help Broeders with computer modeling and visualizations. My responsibilities include:

- Model and render conceptual hand sketches.
- Make renderings for international competitions.

Academic Work Experience

2023 - 2024

Sept May

Toronto Metropolitan University - Research Assistant

Research assistant for Associate Professor Vincent Hui.

- Develop workflows and instructional videos for augmented reality (AR) software.
- Focus on the implementation of advanced design tools for architectural studies.
- Studies and tests with the Holo Lens 2 + the TMU Immersion Facility for future academic application.

2023 - 2024
Oct May

"Videogames & Architecture" - Graphic Illustrator and Transcriber

Lead of all imagery and interview transcriptions for "Videogames & Architecture" by Vincent Hui, R. Scavnick, and T. Estrina. To be released in the Q1 of 2025.

2020 - 2021

Toronto Metropolitan University - Ryerson Esports Lounge Designer, Toronto, ON

A team of 5 TMU Architectural Science students were chosen to design + build the Ryerson Esports Lounge.

- Conceptualized, illustrated, and synthesized an Esports Center for TMU
- Prepared and executed client presentations and content for press release

Extra-Curricular

2021 - 2024

TMU Architectural Course Union - Student Mentor

Mentoring first through third year architecture students to develop design, technical, and communication skills to succeed in their education as a part of the ACU Mentorship Program.

2023

High School Mentorship Program

I mentored a highschool student over the course of 3 months, teaching them the basic skills of architecture school.

2019 - 2022

TMU Architectural Course Union - Academic Representative for Years 1 and 2

Acted as the voice of the class for all academic needs, including any large concerns.

Publications

2021 - 2023

325 Magazine - Toronto Metropolitan University

5+ Projects published over 4 years of study.

2022

Vancouver, Canada

"Bridging the Divide Between Design and Reality in Student Design Builds in Increasing Accessibility to Emerging Technologies"

Future Technologies Conference, https://doi.org/10.1007/978-3-031-18458-1_45

2022

Palma De Mallorca, Spain

"Reinforcing Experiential Learning: Maintaining and Sustaining Architectural Pedagogy Pre and Post Covid"

EDULEARN22 International Education Conference, <https://doi.org/10.21125/edulearn.2022.0170>

2022

Archdaily

"A Pavilion That Unites Upcycling Materials, Automated Manufacturing and Virtual Reality"

Article about the experimental design process used during the S'Winter Station installation.

Written by Eduardo Souza for Archdaily

Awards & Recognition

2024

\$2,500

Precast Concrete Student Design Competition First Place Winner, Toronto, ON

Infinity Bench is a design that I created with other architecture students, collaboration with the Engineering Concrete Lab at TMU. We were selected as the best design. To be built.

- Lead the design team of 3 students and 1 engineering student to design the competition entry.
- This was a collaboration between TMU's Architectural Science students and the Engineering Students at the Concrete Lab, the first joint competition entry from our school, sparking future collaborative work.

2024

FEAS Poster Day Recognition

My advanced design studio projects for both terms in fourth year were asked to be the major participant at the FEAS Poster Day, presenting each project as the representation of the studio work done. I was asked to spearhead the graphic design and presentation of both projects.

2022

Winter Stations Design & Fabrication Competition, Toronto, ON

- Featured on: ArchDaily, BlogTO, Bustler, Archinect, + more
- Apart of a 5 student design team that designed, planned, fabricated, and assembled the project.
- Helped coordinate a team of 14 students over a 2 month fabrication period.
- Spearhead the fabrication of the CNC wood frame structure.

2022

\$1,000

FCCP Education Foundation Architecture Award

The Award recognizes excellence in design with a focus on urban planning issues, in an Architecture Option/Specialization studio.

2022

Legendary Bird Home Competition Honorable Mention

Team: Liam Fujita, Bee Breeders Architectural Competition

2022

The Last Nuclear Bomb Memorial Shortlisted Project

Team: Manuel Ortega Santos, Bee Breeders Architectural Competition

2021

\$1,000

Craig Race Passive Sustainability Award

For an undergraduate student who is currently enrolled full-time in 1st, 2nd, 3rd or 4th year who demonstrates creativity in the use of passive design strategies in a studio project to improve its sustainability.

2020
\$1,000

Creative Infill Design Award

Awarded to the student who demonstrates a high level of design merit that incorporates creative, thoughtful, and sustainable strategies in an urban infill project.

2019 - 2024

Deans List Academic Award

The Dean's List recognizes undergraduate students' outstanding academic achievement.

2019 - 2024

DAS Year End Show

The DAS Year End Show is the culmination of the academic term and showcases the cutting-edge works of top students in all four years of study and the graduate level. I've been exhibited in every show since entering the program.

Technical Skills

Modeling

Rhinoceros 3D (7,8)
SketchUp 2024
Grasshopper
AutoCad Lt 2023
Revit 2022
Vectorworks 2022
Blender 4.0
Touch Designer

Rendering

Blender/ Cycles
Vray 6
Twinmotion
Enscape
Touch Designer

Editing

Photoshop
Illustrator
InDesign
Lightroom
Premier Pro
After Effects

Presenting

Slides / Powerpoint
Fologram AR
Immersion Facility
Yulio VR

Hardware

Microsoft Hololens 2
SLA, SLS, FDM 3D Printers
Woodworking Tools
Laser Cutting
CNC Routing
360 Photography

Interests

Architecture
3D Animation
Graphic Design
Miniature Plastic Models
Specialty Coffee
Card Magic