

Jacob Lehrer

+1 339-203-1677 - jacobylehrer@gmail.com - Jacoblehrer.com



JOB EXPERIENCE

MIT Mathematics Department | Cambridge, MA

Project Coordinator (July 2023 - Present)

- Defining and executing various projects for the MIT Mathematics department.
- Overseeing space allocation and operations and coordinating central MIT services.
- Developing sustainability initiatives to hit LEED and TRUE targets, including the first Centralized Bin Retrofitting at MIT with Sustainability, Custodial, and Facilities offices.

DBI Projects | New York City, NY

Project Management Intern (May 2021 - February 2023)

- Create and manage project budgets + schedules worth over \$14,000,000.
- Developed and custom-coded a new project schedule system that increased speed exponentially for developing client deliverables and alternates.

Riverstone Sustainability | Boston, MA

Sustainability Consultant (November 2019 - December 2021)

- Organize data and prepare various documents for diverse stakeholders.
- Work on sustainable construction projects for Wentworth, ranking top 10 in the US.

EDUCATION

Massachusetts Institute of Technology | Cambridge, MA

- MIT Advanced Study Fellow - (2024 - Present)
 - 4.325 - Artist, Tinkerer, Architect, 4.505 - Design Computation, 18.01 - Calculus

Harvard Extension School | Cambridge, MA - (2023)

- ENVR E-210 - Quantitative Research in Sustainability

Wentworth Institute of Technology | Boston, MA

- Bachelor of Science, Architecture - (2019 - 2023)
 - Concentration on Emerging Technology

SPEAKING AND TEACHING

Parametric Architecture | Instructor - 80 Live Attendees

- Environment-Reactive Computation (With Ladybug) - 8 Hour Weekend Class

Green Building Matters Podcast | Invited Guest

- Episode 274: Three LEED Credentials Before Graduation

LilyGrace Lifestyle Podcast | Invited Guest

- Episode 58: The Youngest LEED Certified Architect

PROFESSIONAL CERTIFICATIONS

- LEED AP ND (April 2023)
- LEED AP O+M (July 2022)
- LEED AP BD+C (June 2021)

SKILLS AND PROGRAMS

Revit	Adobe Illustrator	3D Printing	LEED
Rhino	Adobe InDesign	Woodworking	Photography
Grasshopper	AutoCAD	Laser Cutting	Public Speaking
Lumion	ClimateStudio	KUKA Robotics	Project Management

PUBLICATION

Future[tectonics] by Parametric Architecture | Contributing Author

- Future[tectonics]: Exploring Intersection of Technology, Architecture and Urbanism
 - Garbage In, Garbage Out: How Language Models Can Reinforce Biases
 - Included in MIT's 2024 Summer Reading List

EXHIBITED WORK

Mathematical Sculptures | MIT Mathematics Permanent Collection

- *2 Works, Sculpture (3D Printing, Lasercutting)*, Mathematics is often a world of the theoretical. I developed and fabricated sculptures bringing abstract ideas into physical space to celebrate two mathematical lecturers, Elon Lindenstrauss and Lenka Zdeborova.

Spark - Bird's Eye View | Boston, March 2024

- *8 Works exhibited, Photography (Digital and Film)*, Cities and nature are two systems that exist in parallel, and deriving similarities from a bird's-eye view allows us to examine and harmonize with natural systems.

Pancakes & Booze | Malden, October 2022

- *3 Works exhibited, Mixed-Media*, Climate-crisis focused critique of international trade of materials in efforts to greenwash companies destroying the environment through pollution and natural resource extraction.

ARTICLES

MIT News

- 7/03/24: MIT 2024 Summer Reading List

ArchDaily

- 2/28/24: Parametric Architecture March Workshops

Parametric Architecture

- 4/08/24: Future[Tectonics] Launch Announcement
- 3/18/24: Insights from the Environment-Reactive Computation Workshop
- 3/02/24: Environment-Reactive Computation (With Ladybug)
- 1/29/24: Insights and Innovations from CD NEXT 15

Wentworth News

- 4/26/2023: Sustainability Society Helps Students Get Certified for Energy and Environmental Design
- 9/01/2021: Architecture Student Among Youngest to be LEED Certified
- 3/31/2020: Unique Library Design Incorporates Eco-Friendly Elements

Software Pundit

- 6/01/2021: Wix Review, Pricing and Features

ACTIVITIES + VOLUNTEERING

Member | Built Environment Plus - *Living Future Community*

- Promote the transformation of socially just, culturally rich, and ecologically restorative communities throughout Boston and New England.
- Advocates for the Living Building Challenge and providing education for designers.

President + Founder | Wentworth Sustainability Society

- Nominated for Student Organization of the Year, 2023.
- Educated students and helped them pass LEED Green Associate and LEED AP tests.

Pattern Cutter + Designer | Fashion Show Club (2019 - WIT, 2024 - Perkins & Will)

- Assisted the Wentworth team in winning the Best School Entry 2019.
- Designed custom 2D patterns for 3D garments for Perkins & Will with CLO3D.