

# MATAN KICHLER

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[Homepage](#)

## EDUCATION

### Weizmann Institute of Science

Ph.D. Candidate (Direct Track) in Computer Science and Applied Mathematics

October 2024 - Present

**Advisor:** Assistant Prof. Mark Sheinin

**Research Interests:** Computational Imaging, Computer Vision, Deep Learning

### Holon Institute of Technology (HIT)

October 2021 - July 2024

B.Sc. in Applied Mathematics (Average: 97, *summa cum laude*)

B.Sc. in Computer Science (Average: 95.5, *summa cum laude*)

President's List (×4), Dean's List (×2)

## PUBLICATIONS

- Shai Bagon, **Matan Kichler**, Mark Sheinin. "Hearing the Room Through the Shape of the Drum: Modal-Guided Sound Recovery from Multi-Point Surface Vibrations." (Under review, 2026. arXiv version coming soon).
- **Matan Kichler**, Shai Bagon, Mark Sheinin. "[Learning to See Inside Opaque Liquid Containers using Speckle Vibrometry](#)." International Conference on Computer Vision (ICCV), 2025.

## EXPERIENCE

### Weizmann Institute of Science

Winter 2020

*Teaching Assistant*

- Course: Computational Imaging. Held office hours to review material and graded homework.

### HIT

2022-2024

*Teaching Assistant*

- Led recitation classes, held office hours, and graded exams for the following courses: Linear Algebra, Discrete Mathematics, Calculus, Complex Functions, Partial Differential Equations, Data Structures and Algorithms.

### HIT

2023-2024

*Research Project*

- Research in the field of Discrete Geometry – *Converging Sequences of Polysphericons into Euler Spirals*. With Dr. Shai Gul.

### IDF

2019—2021

- Completed military service

## TECHNICAL STRENGTHS

### Languages

Hebrew, English

### Computer Languages

Python, C, C++

### Graphical Tools

Photoshop, Illustrator, Blender