

Zohar Rimon

 [zoharri.github.io](https://github.com/zoharri) |  [Zohar Rimon](#) |  [zoharri](#) |  [zohar-rimon](#)
 zohar.rimon@campus.technion.ac.il

Ph.D at Technion and currently a VSR at UC Berkeley with Prof. Pieter Abbeel. Focused on how to learn representation in partially observable tasks, mainly in RL and robotics. Now working on tactile perception and dexterous manipulation. More than 5 years of algorithms R&D industry experience.

EDUCATION

Visiting Student Researcher, UC Berkeley Aug 2026 - Mar 2027

Berkeley Artificial Intelligence Research (BAIR) Lab, hosted by Prof. Pieter Abbeel

Ph.D - Robotic Learning, Technion 2021 - Present, GPA: 94.2

Advised by Prof. Aviv Tamar at the Electrical and Computer Engineering department

BSc Electrical Engineering and Physics, Technion 2016 - 2020, GPA: 92.8

“Psagot” excellence program, Apple student excellence award (2017), 1st place in the Biomedical-HACK at Technion (2019), Thomas Shwartz award (2020), graduated magna cum laude.

PUBLICATIONS

- [1] **Zohar Rimon**, Elisei Shafer, Tal Tepper, Daniel Kozin, Alon Malka, Roy Holland, and Aviv Tamar. “More with LESS – Local Scene Representations for Tactile Imaging”. In *Robotics: Science and Systems (RSS)*, 2026.
- [2] Ron Vainshtein, **Zohar Rimon**, Shie Mannor, and Chen Tessler. “Task Tokens: A Flexible Approach to Adapting Behavior Foundation Models”. In *International Conference on Learning Representations (ICLR)*, 2026.
- [3] **Zohar Rimon**, Elisei Shafer, Efrat Shimron, Tal Tepper, and Aviv Tamar. “Toward Artificial Palpation: Representation Learning of Touch on Soft Bodies”. In *Conference on Neural Information Processing Systems (NeurIPS)*, 2025.
- [4] **Zohar Rimon**, Tom Jurgenson, Orr Krupnik, Gilad Adler, and Aviv Tamar. “MAMBA: an Effective World Model Approach for Meta-Reinforcement Learning”. In *International Conference on Learning Representations (ICLR)*, 2024.
- [5] Maor Ashkenazi, **Zohar Rimon**, Ron Vainshtein, Shir Levi, Elad Ricosenardson, Pinchas Mintz, and Eran Treister. “NeRN – Learning Neural Representations for Neural Networks”. In *International Conference on Learning Representations (ICLR) (Spotlight, notable top 25%)*, 2023.
- [6] **Zohar Rimon**, Aviv Tamar, and Gilad Adler. “Meta Reinforcement Learning with Finite Training Tasks – a Density Estimation Approach”. In *Conference on Neural Information Processing Systems (NeurIPS)*, 2022.

PROFESSIONAL EXPERIENCE

Graduate Student Researcher (Ph.D), Technion 2021 - Present

Electrical and Computer Engineering department, advised by Prof. Aviv Tamar

BSc and MSc Project Advisor, Technion 2023 - Present

Supervised multiple BSc and MSc students on RL and robotics projects

Computer Vision and Robotics Team Tech-Lead, Unit 81, IDF 2023 - 2025

Leading robotic perception and embedded systems R&D in a team of 8 researchers

Computer Vision and Machine Learning Researcher, Unit 8200, IDF	2020 - 2023
Efficient DL for low-resource platforms using various NN compression techniques	
Signal Processing Algorithms Engineer Intern, RAFAEL	2018 - 2020
Software Engineering Intern, Resonai (Formerly Yowza3D)	2015 - 2016
Head of Programming, Mor HS Robotics Team (FRC)	2014 - 2016

UNDERGRAD PROJECTS

RL for Fast Motion Planning in Stochastic Environments - CRML, Technion	2020-2021
Advised by Prof. Aviv Tamar and Dr. Tom Jurgenson	
Scene-Aware Motion Transfer for Multi-View Videos - SIPL, Technion	2019-2020
Analysis of Skin Histopathological Images - SIPL, Technion	2018-2020