

Chaim Baskin

March 2025
Curriculum Vitae

*Assistant Professor at School of Electrical and Computer Engineering, Ben-Gurion
University of the Negev*

CONTACT INFORMATION

Building 33, School of Electrical and Computer Engineering
David Ben Gurion Blvd 1, Be'er Sheva, Israel
Phone: +972-8-646-1538
Email: chaimbaskin@bgu.ac.il

RESEARCH INTERESTS

- Machine Learning
- Deep Learning
- Computer Vision
- Geometric Deep Learning

EMPLOYMENT HISTORY

- 2024-now:** Assistant Professor (Senior Lecturer) – Ben-Gurion University of the Negev
2022-2024: Visiting Assistant Professor/ Sr.Research Associate at Technion – Israel Institute of Technology
2021-2024: Adjunct Senior Lecturer– Reichman University
2018-2020: Research Scientist – Intel Labs
2015-2021: Adjunct Lecturer and Teaching Assistant – Israel Institute of Technology
2013-2014: Computer Vision Engineer – Ministry of Defense.

EDUCATION

- 2017–2021: Ph.D. in *Computer Science*, Technion – Israel Institute of Technology • Research advisors: Alex Bronstein and Avi Mendelson • Thesis topic: *Designing Deep Neural Networks for Efficient and Robust Inference*
- 2015–2017: M.Sc. in *Electrical Engineering*, Technion – Israel Institute of Technology • Research advisor: Avi Mendelson • Thesis topic: *streaming Architecture for Large-Scale Quantized Neural Networks on an FPGA Based Data ow Platform*

2010–2014: B.Sc. in *Electrical Engineering*, Ort Braude College • Cumulative average: 88.18 • *Cum laude*

PUBLIC PROFESSIONAL ACTIVITIES

Conference Area Chair/ Reviewer • WACV (Area Chair), since 2025 • NeurIPS (Reviewer) since 2019 • CVPR (Reviewer) since 2019, AI4CC 2024 (Area Chair) • ICCV (Reviewer) since 2019 • ECCV (Reviewer) since 2020 • ICML (Reviewer) since 2019 • ICLR (Reviewer) since 2020

Journal Reviewer • Journal of Machine Learning Research (JMLR) • Transactions on Pattern Analysis and Machine Intelligence (PAMI) • IEEE Transactions on Image Processing • Transactions on Machine Learning Research (TMLR)

MEMBERSHIP IN PROFESSIONAL SOCIETIES

- IEEE (Senior Member)

RESEARCH GRANTS

- **2022–2024** : Israel Innovation Authority (Nofar), , *Self-supervised Multi-Modal learning*. PIs: A.Brosntein, C.Baskin. NIS 1,100,000.
- **2022 – 2023**: Intel labs, *Graph Neural Networks Sparsification for Efficient Training and Inference*. \$50,000.
- **2021 –2023**: Israel Innovation Authority (Magnetron), *Novel NN HW-Aware Optimization Techniques in Quantization*". PIs: A.Mendelson, C.Baskin. NIS 800,000.
- **2021 –2022**: Israeli Ministry of Science, *Adversarial Attacks on Visual Odometry*. PIs: A.Brosntein, C.Baskin. \$200,000.
- **2021 – 2022**: Intel labs, *Unsupervised Graph Representation Learning*. PIs: A.Brosntein, C.Baskin. \$50,000.

PUBLICATIONS

• **11** Papers in review • **20** conference papers • **13** journal articles • **16** Workshop papers
• No. of citations: **1085** • h-index: **13** • i10-index: **17**