

Ethan Fetaya

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EDUCATION

WEIZMANN INSTITUTE

2011- 2016

PhD in the Applied Mathematics and Computer Science on "Learning with limited supervision". Advisor: Prof. Shimon Ullman.

HEBREW UNIVERSITY OF JERUSALEM

2009-2011

M.Sc. in Mathematics, Master's thesis on "Homological Quantum Error Correcting Codes and Systolic Freedom". Advisor: Prof. Alex Lubotzky

- Graduated Magna Cum Laude
- Received excellence award for Master students

HEBREW UNIVERSITY OF JERUSALEM

2004-2008

B.Sc. in Mathematics and Physics.

- Graduated Magna Cum Laude
- Member of the Amirim Honors Program
- Dean's Award 2004-2005
- Dean's list 2004-2007

WORK EXPERIENCE

GENERAL MOTORS, ADVANCED TECHNICAL CENTER

2016- present

Machine learning researcher, working on autonomous driving.

FACULTY OF COMPUTER SCIENCE, WEIZMANN INSTITUTE OF SCIENCE

2015- 2016

Lecturer, Introduction to statistical learning course.

GENERAL MOTORS, ADVANCED TECHNICAL CENTER

2013- 2016

Research Intern, researching and developing new vision based safety systems.

FACULTY OF MATHEMATICS, HEBREW UNIVERSITY OF JERUSALEM

2009-2011

Teaching assistant.

PUBLICATIONS

[Human Pose Estimation using Deep Consensus Voting](#). Ita Lifshitz*, Ethan Fetaya*, Shimon Ullman.

ECCV 2016. * Equal contribution.

[Atoms of recognition in human and computer vision](#). Shimon Ullman, Liav Assif, Ethan Fetaya, and Daniel Harari. PNAS 2016

[Unsupervised Ensemble Learning with Dependent Classifiers](#). Ariel Jaffe, Ethan Fetaya, Boaz Nadler , Tingting Jiang and Yuval Kluger. To appear, AISTATS 2016.

[StixelNet: A Deep Convolutional Network for Obstacle Detection and Road Segmentation](#). Dan Levi, Noa Garnett and Ethan Fetaya. BMVC 2015

[Learning Local Invariant Mahalanobis Distances](#). Ethan Fetaya and Shimon Ullman, ICML 2015

[Graph Approximation and Clustering on a Budget](#). Ethan Fetaya, Ohad Shamir and Shimon Ullman. AISTATS, 2015

[Bounding the Distance of Quantum Surface Codes](#). Ethan Fetaya, Journal of Mathematical Physics, 2012.

SKILLS

LANGUAGES: Hebrew: fluent, English: fluent, Spanish: intermediate level

COMPUTER LANGUAGES: Proficient in MATLAB, C++ and Python

VOLUNTEER EXPERIENCE

PERACH TUTORING AND MENTORING PROJECT

2012-2013

Mentoring a small group of Ethiopian-Israeli high school students.

QUETZEL TREKKERS

Jan-Apr. 2009

Volunteer Trek Guide

Quetzal Trekkers is a non-profit organization in Nicaragua that supports impoverished local children.