

## EDUCATION

---

### Bar-Ilan University

Ph.D. in Computer Science, Advisor: Prof. Joseph Keshet

Ramat Gan, Israel

2018–Current

- Research interests: deep learning, ordinal regression, ranking, keyword spotting, speech

### Bar-Ilan University

M.Sc. in Computer Science

Ramat Gan, Israel

2014–2017

- Thesis: “Ranking Algorithms for Risk Minimization”
- Advisor: Prof. Joseph Keshet

### Lev Academic Center

B.Sc. in Software Engineering

Jerusalem, Israel

2011–2014

## PUBLICATIONS

---

- [1] T. S. Fuchs\*, Y. Segal\*, and J. Keshet, “CNN-based Spoken Term Detection and Localization without Dynamic Programming”, in *ICASSP*, 2021.
- [2] Y. Segal\*, T. S. Fuchs\*, and J. Keshet, “SpeechYOLO: Detection and localization of speech objects”, in *2019 Interspeech*, Sep. 2019, pp. 4210–4214.
- [3] E. Buz, A. Buchwald, T. Fuchs, and J. Keshet, “Assessing automatic VOT annotation using unimpaired and impaired speech”, in *2018 International journal of speech-language pathology Volume 20 number 6*, 2018, pp. 624–634.
- [4] T. Fuchs and J. Keshet, “Spoken term detection automatically adjusted for a given threshold”, in *2017 IEEE Journal of Selected Topics in Signal Processing, Volume 11 Issue: 8*, Dec. 2017, pp. 1310–1317.

## SCHOLARSHIPS AND AWARDS

---

- President’s scholarship, Bar-Ilan University 2019–Current
- Malag scholarship for outstanding doctoral students in high-tech professions 2019
- The Malam Team award for excellence in research in postgraduate studies 2018

## TEACHING

---

- **Teaching Assistant** at Bar-Ilan University Fall 2017  
*Introduction to Machine Learning (89511)*

## SERVICE

---

- Reviewer for: IJCAI, NeurIPS 2020
- Reviewer for: NeurIPS 2019