

# FELIX KREUK - CURRICULUM VITAE

## PERSONAL INFORMATION

Email [felixkreuk@gmail.com](mailto:felixkreuk@gmail.com)  
Website <http://felixkreuk.github.io>  
GitHub <https://github.com/felixkreuk>  
Scholar <https://bit.ly/39D5dJK>

## RESEARCH INTERESTS

Machine learning, Speech Analysis, Speech synthesis.

## WORK EXPERIENCE

2019-present Research Intern, NVIDIA RESEARCH, TEL-AVIV LAB. I am working on compressing neural-based vocoders.

## EDUCATION

2018-present Ph.D. candidate in Computer Science, Department of Computer Science, Bar-Ilan University, Ramat-Gan, Israel.  
Advisor: Prof. Joseph Keshet.  
Research topics: Speech Analysis, Speech Synthesis.

2016-2018 M.Sc. in Computer Science, Department of Computer Science, Bar-Ilan University, Ramat-Gan, Israel.  
Advisor: Prof. Joseph Keshet.  
Thesis topic: *Fooling End-to-end Speaker Verification by Adversarial Examples*

2013-2016 B.Sc. in Computer Science, Summa cum laude, Department of Computer Science, Bar-Ilan University, Ramat-Gan, Israel.

## PUBLICATIONS

2020 Yuval Atzmon, **Felix Kreuk**, Uri Shalit, Gal Chechik. A Causal View of Compositional Zero-shot Recognition, *The 34th Annual Conference on Neural Information Processing Systems (NeurIPS)*, 2020

2020 **Felix Kreuk**, Joseph Keshet, Yossi Adi. Self-Supervised Contrastive Learning for Unsupervised Phoneme Segmentation, *The 21st Annual Conference of the International Speech Communication Association (Interspeech)*, 2020

2020 **Felix Kreuk**, Yossi Adi, Bhiksha Raj, Rita Singh, Joseph Keshet. Hide and Speak: Towards Deep Neural Networks for Speech Steganography, *The 21st Annual Conference of the International Speech Communication Association (Interspeech)*, 2020

2020 **Felix Kreuk**, Joseph Keshet, Yossi Adi. Phoneme Boundary Detection using Learnable Segmental Features, *The 45th IEEE International Conference in Acoustic, Speech and Signal Processing (ICASSP)*, 2020

2018 **Felix Kreuk**, Assi Barak, Shir Aviv, Moran Baruch, Benny Pinkas, Joseph Keshet. Deceiving End-to-End Deep Learning Malware Detectors using Adversarial Examples, *Workshop track at 32nd Conference on Neural Information Processing Systems (NeurIPS)*, 2018

2018 **Felix Kreuk**, Yossi Adi, Moustapha Cisse, Joseph Keshet. Fooling End-to-end Speaker Verification by Adversarial Examples, *The 43rd IEEE International Conference in Acoustic, Speech and Signal Processing (ICASSP)*, 2018

#### AWARDS AND SCHOLARSHIPS

<i>2019</i>	Dean's Award for Excellence (Ph.D.).
<i>2018</i>	President's Award for Excellence (Ph.D.).
<i>2018</i>	Rector's Award for Excellence (M.Sc.).
<i>2014</i>	Dean's Award for Excellence (B.Sc.).

#### TEACHING

<i>2017-2019</i>	Teaching Assistant, Bar-Ilan University. Introduction to Machine Learning.
<i>2017</i>	Teaching Assistant, College of Management Academic Studies. Introduction to Deep Learning.

#### SERVICE

<i>2020</i>	Reviewer for: ICML.
<i>2019</i>	Reviewer for: NeurIPS, ICLR, IJCAI.