YOSSI ADI - CURRICULUM VITAE

PERSONAL INFORMATION

Email	yossiadidrum@gmail.com
Website	http://adiyoss.github.io
GitHub	https://github.com/adiyoss

RESEARCH INTERESTS

Machine learning; Audio, Speech and Language Analysis; Music.

EDUCATION

2014-Present Graduate Student in Computer Science (Integrated Ph.D. Track), Department of Computer Science,
Bar-Ilan University, Ramat-Gan, Israel.
Thesis: *Automatic Analysis of Speech and Language Data using Deep Structured Learning*
Advisor: Dr. Joseph Keshet

2011-2013 B.Sc in Computer Science, Summa cum laude
School of Computer Science, College of Management Academic Studies,
Rishon-Le Zion, Israel.

AWARDS AND SCHOLARSHIPS

2017 Rector's Award for Excellence in Academic Studies - Bar-Ilan University.

2016 President Award for Excellence (Ph.D Students) - Bar-Ilan University.

2014 Zvulun Hammer Scholarship.

2012 President Award for Excellence - College of Management Academic Studies.

SELECTED PUBLICATIONS

2018 Gabi SHALEV, **Yossi Adi** and Joseph KESHET, Out-of-Distribution Detection using Multiple Semantic Label Representations, *The 32nd Annual Conference on Neural Information Processing Systems (NIPS), Montréal, Canada, 2018.*

2018 **Yossi Adi**, Carsten BAUM, Moustapha CISSE, Benny PINKAS and Joseph KESHET, Turning Your Weakness Into a Strength: Watermarking Deep Neural Networks by Backdooring, *USENIX Security Symposium, Baltimore, USA, 2018,* *[Blog].*

2018 Felix KREUK, **Yossi Adi**, Moustapha CISSE, and Joseph KESHET, Fooling End-to-End Speaker Verification With Adversarial Examples, *The 43rd IEEE International Conference in Acoustic, Speech and Signal Processing (ICASSP), Alberta, Calgary, Canada, 2018.*

2017 Moustapha CISSE, **Yossi Adi**, Natalia NEVEROVA, and Joseph KESHET, Houdini: Fooling Deep Structured Visual and Speech Recognition Models with Adversarial Examples, *The 31st Annual Conference on Neural Information Processing Systems (NIPS), Long Beach, CA, USA, 2017.*

2017 Einat NAAMAN, **Yossi Adi**, and Joseph KESHET, Learning Similarity Function for Pronunciation Variations, *The 18th Annual Conference of the International Speech Communication Association (Interspeech), Stockholm, Sweden, 2017.*

2017	Yaniv Sheena, Misha Hejna, **Yossi Adi**, and Joseph Keshet, Automatic Measurement of Pre-aspiration, *The 18th Annual Conference of the International Speech Communication Association (Interspeech), Stockholm, Sweden, 2017.*
2017	**Yossi Adi**, Einat Kermany, Yonatan Belinkov, Ofer Lavi and Yoav Goldberg, Fine-grained Analysis of Sentence Embeddings Using Auxiliary Prediction Tasks, *International Conference on Learning Representations (ICLR), Toulon, France, 2017.*
2017	**Yossi Adi**, Joseph Keshet, Emily Cibelli, and Matt Goldrick, Sequence Segmentation Using Joint RNN and Structured Prediction Models, *The 42st IEEE International Conference in Acoustic, Speech and Signal Processing (ICASSP), New Orleans, LA, USA, 2017, [code].*
2016	**Yossi Adi**, Joseph Keshet, Emily Cibelli, Erin Gustafson, Cynthia Clopper and Matt Goldrick, Automatic Measurement of Vowel Duration via Structured Prediction, *Journal of the Acoustical Society of America, Volume 140, Issue 6, 2016, [code].*
2016	**Yossi Adi**, Joseph Keshet, Olga Dmitrieva and Matt Goldrick, Automatic Measurement of Voice Onset Time and Prevoicing using Recurrent Neural Networks, *The 17th Annual Conference of the International Speech Communication Association (Interspeech), San Francisco, CA, USA, 2016, [code].*
2016	**Yossi Adi** and Joseph Keshet, StructED: Risk Minimization in Structured Prediction, *Journal of Machine Learning Research 17, 1-5, 2016, [website], [code].*
2015	**Yossi Adi**, Joseph Keshet and Matt Goldrick, Vowel Duration Measurement Using Deep Neural Networks, *The 25th IEEE International Workshop on Machine Learning for Signal Processing (MLSP), Boston, MA, USA, 2015.*

work experience

2018-Present	Lecturer, Rimon School of Jazz and Contemporary Music. Drums and Technology.
2017-Present	Teaching Assistant, Bar-Ilan University. Introduction to Machine Learning, Automatic Speech Recognition.
2017	Research Scientist (internship), Facebook AI Research, New York Lab. Working on adversarial learning for letter based automatic speech recognition models.
2014-2017	Teaching Assistant, College of Management Academic Studies. Introduction to Computer Science, Data Structures, Algorithms II and OOP.
2015-2016	Machine Learning Researcher, Machine Learning Technologies Group, IBM, Haifa Research Labs. Working on sentence embeddings analysis.

other information

Music	I'm a professional drummer and very passionate about rhythm, drums and groove. Drumming has always been my passion and very big part of my life. Here are few links to my band (Lucille Crew) and our music: YouTube, iTunes, WebSite
Interests	Drums · Music · Sound · Audio