

YOSSI ADI - CURRICULUM VITAE

PERSONAL INFORMATION

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RESEARCH INTERESTS

Machine learning; Audio, Speech and Language Analysis.

WORK EXPERIENCE

2014-Present Teaching Assistant, COLLEGE OF MANAGEMENT ACADEMIC STUDIES. Introduction to Computer Science, Data Structures, Algorithms I & II and OOP.
2015-Present Machine Learning Researcher, Machine Learning Technologies Group, IBM RESEARCH LABS.
2013-2015 Software R&D, MEDUCE. Developed data and process mining algorithms for patient medical records.

EDUCATION

2013-Present Graduate Student in Computer Science (Integrated Ph.D. Track), Department of Computer Science,
Bar-Ilan University, Ramat-Gan, Israel.
Thesis: *Automatic Analysis of Large Spoken Data using Structured Learning*
Advisor: Dr. Joseph Keshet
2010-2013 B.Sc in Computer Science, Summa cum laude
School of Computer Science, College of Management Academic Studies,
Rishon-Le Zion, Israel.

AWARDS AND SCHOLARSHIPS

2016-2018 President Award for Excellence (Ph.D Students) - Bar-Ilan University.
2014-2015 Zvulun Hammer Scholarship.
2011-2013 President Award for Excellence - College of Management Academic Studies.

PUBLICATIONS

2017 Yossi ADI, Joseph KESHET, Emily CIBELLI, and Matt GOLDRICK, Sequence Ssegmentation Using Joint RNN and Structured Prediction Models, *International Conference on Acoustics, Speech and Signal Processing (ICASSP)*, 2017, (under review). [\[code\]](#).
2017 Yossi ADI, Einat KERMANY, Yonatan BELINKOV, Ofer LAVI and Yoav GOLDBERG, Deep Analysis of Sentence Embeddings Models Using Auxiliary Prediction Tasks, *IBM Journal*, (under review).
2017 Yossi ADI, Einat KERMANY, Yonatan BELINKOV, Ofer LAVI and Yoav GOLDBERG, Fine-grained Analysis of Sentence Embeddings Using Auxiliary Prediction Tasks, *arXiv preprint arXiv:1608.04207* (2016).

- 2016 Yossi ADI, Joseph KESHET, Emily CIBELLI, Erin GUSTAFSON, Cynthia CLOPPER and Matt GOLDRICK, Automatic Measurement of Vowel Duration via Structured Prediction, *The Journal of the Acoustical Society of America* (accepted for publication). [\[code\]](#).
- 2016 Yossi ADI, Joseph KESHET, Olga DMITRIEVA and Matt GOLDRICK, Automatic Measurement of Voice Onset Time and Prevoicing using Recurrent Neural Networks, *Interspeech Conference 2016, Sept. 8-12, 2016, San Francisco, USA*. [\[code\]](#).
- 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, *IEEE International Workshop on Machine Learning For Signal Processing, Sept. 17-20, 2015, Boston, USA*.

OTHER INFORMATION

- Music* I'm a professional drummer and very passionate about rhythm, drums and drumming. Drumming has always been my passion, and it's been a 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