

YFTAH ZISER

22 Vasili Kandinski St., Kiryat Ata, Israel 2826749
+972-50-2006-031
yftah89@gmail.com

EDUCATION

TECHNION – ISRAEL INSTITUTE OF TECHNOLOGY, Haifa, Israel
Ph.D. student (Direct Ph.D. track) in Information Management Engineering 2015 – 2019

- Supervised by Prof. Roi Reichart.
- Research: "*Domain Adaptation for Natural Language Processing - a Neural Network Based Approach.*"
- My Ph.D. research goal is to adapt models from domains and languages rich in labeled training data to domains and languages poor in such data through representation learning.
- Outstanding Ph.D. Student Award, IE&M Faculty of Technion (2018).

TECHNION – ISRAEL INSTITUTE OF TECHNOLOGY Haifa, Israel
Bachelor of Science (BSc) in Computer Science 2011-2015

PUBLICATIONS

- Neural Structural Correspondence Learning for Domain Adaptation, **Yftah Ziser** and Roi Reichart, Conference on Natural Language Learning (CoNLL 2017).
- Pivot Based Language Modeling for Improved Neural Domain Adaptation, **Yftah Ziser** and Roi Reichart, Conference of the North American Chapter of the Association for Computational Linguistics (NAACL 2018).
- Deep Pivot-Based Modeling for Cross-language Cross-domain Transfer with Minimal Guidance, **Yftah Ziser**, and Roi Reichart, Conference on Empirical Methods in Natural Language Processing (EMNLP 2018).
- Task Refinement Learning for Improved Accuracy and Stability of Unsupervised Domain Adaptation, **Yftah Ziser**, and Roi Reichart, Proceedings of the 57th annual meeting of the association for computational linguistics. (ACL 2019).
- Humor Detection in Product Question Answering Systems, **Yftah Ziser**, Elad Kravi, and David Carmel, Conference on Research and Development in Information Retrieval (SIGIR 2020).
- Answering Product-Questions by Utilizing Questions from Other Contextually Similar Products, Ohad Rozen, David Carmel, Avihai Mejer, Vitali Mirkis, and **Yftah Ziser**, Conference of the North American Chapter of the Association for Computational Linguistics (to appear in NAACL 2021).
- WikiSum: Coherent Summarization Dataset for Efficient Human-Evaluation, **Yftah Ziser***, Oren Kalinsky*, Nachshon Cohen* and Alessandro Moschitti, (under review).
- Customized Pre-Training for Improved Domain Adaptation with Category Shift, Tony Lechtman, **Yftah Ziser**, and Roi Reichart (to be submitted to EMNLP).

EXPERIENCE

FACEBOOK, Tel-Aviv, Israel

Researcher

2020- present

- Designing state-of-the-art NLP solutions for e-commerce.

AMAZON ALEXA, Haifa, Israel

Researcher

2019- 2020

- Designing state-of-the-art question answering systems using Amazon community data.

IBM, Haifa, Israel

Part-time researcher

2017- 2018

- Designing and building machine learning algorithms for natural language problems.

TEACHING EXPERIENCE

- Teaching assistant in charge “introduction to natural language processing.”
- Project mentor “Learning robust representations for natural language processing.”
- Project mentor “Natural language processing for the social sciences.”
- Teaching assistant “introduction to computer science”