

Yonatan Bitton

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Summary

- PhD candidate in the Hebrew University of Jerusalem
- Natural language processing and computer vision researcher
- Hands on experience in industry research labs (over 4 years experience in Amazon and IBM)
- Three peer-reviewed publications (Findings of EMNLP 2021, NAACL 2021, JAMIA 2020)

Education

PhD, 2020-Present

Advisors: Prof. Gabriel Stanovsky and Prof. Roy Shwartz

Generalization of Vision and Language models

School of Computer Science and Engineering, The Hebrew University of Jerusalem, Israel

MSc, *magna cum laude*, 2019-2020

Advisors: Prof. Michael Elhadad and Prof. Eitan Bachmat

Cross-lingual entity linking and visual question answering. GPA 97

Department of Computer Science, Ben Gurion University, Israel

BSc, 2015-2019

Department of Computer Science, Ben Gurion University, Israel

Work Experience

Applied Scientist Intern at Amazon Lab126, 2019-Present

Researcher in Halo team - Visual Fitness

Working on video classification problems, using state of the art computer vision methods

Research Student at IBM CCoE, 2017-2019

Using data-science and machine-learning methods in order to detect frauds

Publications

Bitton, Y., Stanovsky, G., Elhadad, M., Shwartz, R.,

Data Efficient Masked Language Modeling For Vision and Language

Findings of the Association for Computational Linguistics: EMNLP 2021

Bitton, Y., Stanovsky, G., Shwartz, R., Elhadad, M.,

Automatic Generation of Contrast Sets from Scene Graphs:

Probing the Compositional Consistency of GQA

North American Chapter of the Association of Computational Linguistics (NAACL 2021)

Bitton, Y., Cohen, R., Schifter, T., Bachmat, E., Elhadad, M., Elhadad, N.

Cross-lingual Unified Medical Language System entity linking in online health communities

Journal of the American Medical Informatics Association (JAMIA 2020)

Awards

MSc awards

Dean's Award for Excellence

Graduated with honors (magna cum laude)

Research Excellence Award of Ben Gurion BGU CS department for journal publication