Idan Achituve

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Education

2019 – 2020 Bar-Ilan University, Research Fellow with Prof. Gal Chechik and Dr. Ethan Fetaya.

2017 – 2019 Bar-Ilan University, the computer science department. M.Sc. in AI and Machine Learning. Summa Cum Laude (GPA: 94.3).
Master's thesis research topic: Online banking fraud detection using sequences.
Under the supervision of Prof. Jacob Goldberger (EE) and Prof. Sarit Kraus (CS).

2011 - 2015 Ben-Gurion University, the Industrial Engineering department. B.Sc. in IE with a specialization in information systems. Magna Cum Laude (GPA: 89.7).
Ranked 4th in my class (top 2%).

Awards

2018, RSA, runner up in internal RSA global initiative competition.

2017, RSA, runner up in internal RSA global initiative competition.

2015, Ben-Gurion University, Deans Honors Award.

Academic Professional Activities

2020, Reviewer at NeurIPS.

2019, Reviewer at IJCAI.

2015, Projects examiner in the course Production Planning & Control, Ben-Gurion University.

Relevant Professional Experience

2015 - 2019 Data Scientist at RSA, Development and enhancement of RSA's fraud detection capabilities in online banking and eCommerce using machine learning techniques.

Publications

1. Achituve, I., Maron, H., & Chechik, G., Self-Supervised Learning for Domain Adaptation on Point-Clouds. *Submitted* to WACV 2021.
2. Navon, A., Achituve, I., Maron, H., Chechik, G., & Fetaya, E., Auxiliary learning by implicit differentiation. *Submitted* to NeurIPS 2020.
3. Achituve, I., Kraus, S., & Goldberger, J., Interpretable Online Banking Fraud Detection Based on Hierarchical Attention Mechanism. In 2019 IEEE 29th International Workshop on Machine Learning for Signal Processing (MLSP) (pp. 1-6). IEEE. 2019.
4. Amram, S., Sahar, C., Gendelev, A., & Achituve, I., Smoothing of discretized values using a transition matrix. U.S. Patent No. 10,511,585. Washington, DC: U.S. Patent and Trademark Office. 2019.
5. Achituve, I., Aboudy, T., Hershkovitz, M., Navry, O., & Ben-Port, L., Automatic Data Modeling in the Naïve Bayes Framework. Under review of USPTO. 2018.