

# Elad Kravi

Graduation: Dec. 2017

[ekravi@cs.technion.ac.il](mailto:ekravi@cs.technion.ac.il) • +972-52-8803631 • Technion, Haifa • <http://ekravi.cswp.cs.technion.ac.il/>

Applying for a Researcher Position • In a process of issuing a green card  
Area of expertise: Web • User Modeling • Databases

## EDUCATION

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2011-today	<b>Computer Science Department, Technion, Israel Institute of Technology</b> <i>Studying for a Ph.D. in Computer Science (exp. graduation – Dec.2017)</i> <ul style="list-style-type: none"><li>Academic advisors: <a href="#">Prof. Yaron Kanza</a> and <a href="#">Prof. Benny Kimelfield</a></li><li>Thesis topic: "<i>Understanding User Behavior from Online Traces</i>"</li></ul>	Haifa, Israel
2010-2014	<b>B.A. in Economics and Management (Cum Laude), Industrial and Management Department, Technion, Israel Institute of Technology</b>	Haifa, Israel
2005-2010	<b>B.Sc in Information Systems Management (Cum Laude), Computer Science Department, Technion, Israel Institute of Technology</b>	Haifa, Israel

## PUBLICATIONS

### Journals and Conferences:

- Kanza Y., **Kravi E.**, Safra E. & Yehosua S. (2016) Location-Based Distance Measures for Geo-Social Similarity, to appear in TWeb 2017 (\*)
- Kravi, E.**, Guy, I., Meier, A., Carmel, D., Maarek, Y., Pelleg, D. & Tzur, G. (2016) One Query, Many Clicks: Analysis of Queries with Multiple Clicks by the Same User, ACM CIKM, 2016
- Guy, I., Ronen, I., **Kravi, E.**, & Barnea, M. (2016). Increasing activity in enterprise online communities using content recommendation. *ACM Transactions on Computer-Human Interaction (TOCHI)*, 23(4), 22.
- Ronen, I., Guy, I., **Kravi, E.**, & Barnea, M. (2014, July). Recommending social media content to community owners. In *Proceedings of the 37th international ACM SIGIR conference on Research & development in information retrieval* (pp. 243-252). ACM.

### Workshops:

- Ben Basat, R., & **Kravi, E.** (2016, June). The ranking game. In *Proceedings of the 19th International Workshop on Web and Databases* (p. 7). ACM. (\*)
- Kravi, E.** (2016, June). Understanding User Behavior From Online Traces. In *Proceedings of the 2016 on SIGMOD'16 PhD Symposium* (pp. 27-31). ACM.
- Grabovitch-Zuyev, I., Kanza, Y., **Kravi, E.**, & Pat, B. (2014, June). On the correlation between textual content and geospatial locations in microblogs. In *Proceedings of Workshop on Managing and Mining Enriched Geo-Spatial Data* (p. 3). ACM. (\*)

### Demo papers and Posters:

- Kravi, E.**, Agichtein, E., Guy, I., Kanza, Y., Mejer, A., & Pelleg, D. (2015, August). Searcher in a strange land: Understanding web search from familiar and unfamiliar locations. In *Proceedings of the 38th International ACM SIGIR Conference on Research and Development in Information Retrieval* (pp. 855-858). ACM.
- Kanza, Y., **Kravi, E.**, & Motchan, U. (2014, November). City nexus: discovering pairs of jointly-visited locations based on geo-tagged posts in social networks. In *Proceedings of the*

22nd ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems (pp. 597-600). ACM. (\*)

- Levin, R., **Kravi, E.**, & Kanza, Y. (2012, November). Concurrent and robust topological map matching. In *Proceedings of the 20th International Conference on Advances in Geographic Information Systems* (pp. 617-620). ACM. winners at ACM SIGSPATIAL GIS Cup 2012

(\*) The authors of these papers are ordered alphabetically

#### ACADEMIC CONTRIBUTION:

- PC member on WWW 2017 (Outstanding reviewer award).

#### ADDITIONAL ACADEMIC ACHIEVEMENTS:

- 2015-2016: IBM Ph.D. Fellowship Award
- 2015: Faculty Excellence Fellowship
- 2014: Security Development Contest, 2<sup>nd</sup> place
- 2013: Security Development Contest, *cum laude*

#### EXPERIENCE

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2014-5	<b>Yahoo! Research Labs</b> <i>researcher (intern)</i> <ul style="list-style-type: none"><li>• Study improvements to current search method</li><li>• Fields: Big Data, ML, IR, Distributed Computing</li></ul>	Haifa, Israel
2008-2009 & 2011-today	<b>Technion, Israel Institute of Technology</b> <i>Lecturer and Teaching Assistant, Computer Science Faculty</i> <ul style="list-style-type: none"><li>• “Algorithms 1” "Managing Data in the WWW" (lecturer and TA in charge), "Object Oriented Programming", "Operating and Modeling Information Systems"</li></ul>	Haifa, Israel
2012-2013	<b>IBM Research Labs</b> <i>Researcher, student position</i> <ul style="list-style-type: none"><li>• Research for extensions to current social network</li><li>• Fields: Social Networks, Information Retrieval, Recommendations</li></ul>	Haifa, Israel
2010-2011	<b>LSI Corporation</b> <i>Software Engineer</i> <ul style="list-style-type: none"><li>• Implementation of storage algorithms</li></ul>	Nesher, Israel
2005-2010	<b>Rafael</b> <i>Software Engineer (student position)</i> <ul style="list-style-type: none"><li>• Developed Navigation Algorithms, on RT Embedded processor</li><li>• Wrote formal requirements for products</li><li>• Implemented in C, C++ and C#</li></ul>	Israel

#### SKILLS

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- **Tools:** Social Networks, Big Data (Map Reduce, Hive), Web Technologies, Spatial, Relational and NoSQL DBs
- **Programming:** Java, Python, .Net, C++