

Elad Kravi

PhD candidate, Computer Science Department , Technion, Israel
Geospatial and Textual Data Mining | Information Retrieval | Web

Contact Information

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Research Interests

Data Mining and Information Retrieval: location extraction, data aggregation, user modeling, user similarity, search engines optimization, log analysis, recommendation systems

Education

2011-today	PhD candidate, Computer Science Department, Technion, Israel Institute of Technology <ul style="list-style-type: none">Academic advisors: Prof. Yaron Kanza and Prof. Benny KimelfieldThesis topic: "<i>Understanding User Behavior from Online Traces</i>"Graduation: Mar. 2018
2010-2014	<i>B.A. in Economics and Management (Cum Laude)</i> , Industrial and Management Department, Technion, Israel Institute of Technology
2005-2010	<i>B.Sc in Information Systems Management (Cum Laude)</i> , Computer Science Department, Technion, Israel Institute of Technology

Awards and Scholarships

- Outstanding reviewer award, WWW, 2017
- IBM Ph.D. Fellowship Award, 2015-2016
- Faculty Excellence Fellowship, 2015
- Security Development Contest, 2nd place and *cum laude* 2013, 2014
- Rector's list, 2008
- Dean's list, 2006 and 2007

Professional Experience

- **Program-committee member:**

- World Wide Web Conference (WWW), 2018
- World Wide Web Conference (WWW), 2017

- **Lecturer and teaching-assistant, 2011-2017**

- Algorithms 1
- Database Systems
- Managing Data in the WWW (lecturer and TA in charge)
- Object Oriented Programming
- Operating and Modeling Information Systems

- **Research intern:**

- **Yahoo! Research Labs**, Search Team, 2014-15
Fields: Big Data, ML, IR, Distributed Computing
- **IBM Research Labs**, Social-networks Team, 2012-13
Research for extensions to current social network
Fields: Social Networks, Information Retrieval, Recommendations

- **Software engineer:**

- **LSI Corporation**, 2010-2011
- **Rafael Advanced Defense Systems Ltd**, 2005-2010 (student position)
Developed navigation algorithms, on RT embedded processor
Wrote formal requirements for products

Scientific Publications

Journal and Conference Papers

[1] Kanza Y., **Kravi E.**, Safra E. & Yehosua S. (2016) Location-Based Distance Measures for Geo-Social Similarity, to appear in TWeb 2017 (*)

[2] **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

[3] 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.

[4] 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

[5] Ben Basat, R., & **Kravi, E.** (2016, June). The ranking game. In *Proceedings of the 19th International Workshop on Web and Databases* (p. 7). ACM. (*)

[6] **Kravi, E.** (2016, June). Understanding User Behavior From Online Traces. In *Proceedings of the 2016 on SIGMOD'16 PhD Symposium* (pp. 27-31). ACM.

[7] 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

[8] **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

[9] 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. (*)

[10] 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*