David Wajc
(דוד וייץ)
Curriculum Vitae

Technion – Israel Institute of Technology
Computer Science Department
CS Taub Building, Haifa 3200003

www.davidwajc.com
david.wajc@gmail.com

POSITION

TECHNION – ISRAEL INSTITUTE OF TECHNOLOGY Haifa, Israel
Senior Lecturer (Assistant Professor) Oct. 2023 – present

- Taub Family "Leaders in Science & Technology" Fellow

RESEARCH INTERESTS

I am broadly interested in algorithms under uncertainty (concerning the input). Example areas include:

- **Online algorithms**
- **Dynamic algorithms**
- **Streaming algorithms**
- **Distributed algorithms**

I have an affinity for problems related to **matching theory**.

EDUCATION

CARNEGIE MELLON UNIVERSITY Pittsburgh, PA
***Ph.D.** in Computer Science (Algorithms, Combinatorics and Optimization)* Aug. 2014 – Aug. 2020

- **Advisor:** Bernhard Haeupler
- **Thesis Title:** "Matching Theory Under Uncertainty"
- **Committee:** Bernhard Haeupler, Anupam Gupta, R. Ravi, Cliff Stein, Ola Svensson

TECHNION – ISRAEL INSTITUTE OF TECHNOLOGY Haifa, Israel
***M.Sc.** in Computer Science* Mar. 2010 – Dec. 2013

- **Advisors:** Nir Ailon, Seffi Naor and Hadas Shachnai
- **Thesis Title:** "Parameterizing P: Proximity to Easy Variants"

CARNEGIE MELLON UNIVERSITY Pittsburgh, PA
Foreign Exchange student, part of B.Sc. in Computer Science Aug. 2009 – Jan. 2010

TECHNION – ISRAEL INSTITUTE OF TECHNOLOGY Haifa, Israel
***B.Sc.** in Computer Science (Summa Cum Laude)* Oct. 2006 – Jan. 2011

PREVIOUS WORK EXPERIENCE

GOOGLE RESEARCH Mountain View, CA
Visiting Researcher Aug. 2022 – September 2023

- **Team:** Market Algorithms

STANFORD UNIVERSITY Stanford, CA

Motwani Postdoctoral Fellow in Theoretical Computer Science Sep. 2020 – Aug. 2022

- **Host:** Amin Saberi

GOOGLE RESEARCH New York, NY

Summer Intern May 2015 – Aug. 2015

- Interned with the Market Algorithms and Optimization team, hosted by Nitish Korula
- Worked on research problems related to display advertising

YAHOO! LABS Haifa, Israel

Research Engineer Nov. 2012 – May 2014

- Part of the Mail Research Team. Worked on research and engineering projects related to information extraction from emails to improve user experience as well as ad monetization

IBM R&D LABS Haifa, Israel

Summer Intern July 2010 – Oct. 2010

- Worked on a research problem related to soft error detection

SELECTED HONORS AND AWARDS

- Taub Family Foundation "Leaders in Science & Technology" Fellow 2023 – 2025
- SODA 2023 best paper award 2023
- Stanford Motwani Postdoctoral Fellowship 2020 – 2022
- Simons Society of Fellows Junior Fellowship (declined) 2020 – 2023
- Yahoo! Labs Excellence Awards Program (LEAP) 2014
- Vivian Konigsberg Award for Excellence in Teaching 2012
- Sandor Szego Award for Excellence in Teaching 2011
- Technion Graduate School Dean's Excellence Award 2010
- Carnegie Mellon School of Computer Science Dean's List (highest honors) 2009
- Technion's Computer Science Excellence Program (SAMBA) fellowship 2009
- Technion President's List (highest honors): three semesters 2008 – 2009

STUDENTS

- Yael Shabtay, MSc

GRANTS

- Israel Science Foundation (ISF): Prophets, Philosophers and Online Algorithms ($233K) 2024 – 2028
- Grand Technion Energy Program (GTEP), joint with Yuval Emek and Shay Kutten ($25K) 2024 – 2026

CONFERENCE PAPERS

36. "Online Edge Coloring: Sharp Thresholds"
with Joakim Blikstad, Ola Svensson & Radu Vintan
In IEEE Symposium on Foundations of Computer Science 2025 (***FOCS 25***)

35. "Repairing Databases over Metric Spaces with Coincidence Constraints"
with Youri Kaminsky, Benny Kimelfeld, Ester Livshits & Felix Naumann
In International Conference on Database Theory, 2025 (***ICDT 25***)

34. "New Philosopher Inequalities for Online Bayesian Matching, via Pivotal Sampling"
with Mark Braverman, Mahsa Derakhshan, Tristan Pollner & Amin Saberi
In ACM-SIAM Symposium on Discrete Algorithms, 2025 (***SODA 25***)

33. "Online Dependent Rounding Schemes for Bipartite Matchings, with Applications"
with Joseph (Seffi) Naor & Aravind Srinivasan
In ACM-SIAM Symposium on Discrete Algorithms, 2025 (***SODA 25***)

32. "Deterministic Online Bipartite Edge Coloring"
with Joakim Blikstad, Ola Svensson & Radu Vintan
In ACM-SIAM Symposium on Discrete Algorithms, 2025 (***SODA 25***)

31. "The Average-Value Allocation Problem"
with Kshipra Bhawalkar, Zhe Feng, Anupam Gupta, Aranyak Mehta & Di Wang
In International Conference on Approximation Algorithms for Combinatorial Optimization Problems (***APPROX 24***)
Invited to ToC Special Issue

30. "Online Edge Coloring is (Nearly) as Easy as Offline"
with Joakim Blikstad, Ola Svensson & Radu Vintan
In ACM Symposium on Theory of Computing, 2024 (***STOC 24***)
Invited to SICOMP Special Issue

29. "Near-Optimal Dynamic Rounding of Fractional Matchings in Bipartite Graphs"
with Sayan Bhattacharya, Peter Kiss & Aaron Sidford
In ACM Symposium on Theory of Computing, 2024 (***STOC 24***)

28. "Combinatorial Stationary Prophet Inequalities"
with Neel Patel
In ACM-SIAM Symposium on Discrete Algorithms, 2024 (***SODA 24***)

27. "Simple and Asymptotically Optimal Online Bipartite Edge Coloring"
with Joakim Blikstad, Ola Svensson & Radu Vintan
In SIAM Symposium on Simplicity in Algorithms, 2024 (***SOSA 24***)

26. "Dynamic Matching with Better-than-2 Approximation in Polylogarithmic Update Time"
with Sayan Bhattacharya, Peter Kiss & Thatchaphol Saranurak
In ACM-SIAM Symposium on Discrete Algorithms, 2023 (***SODA 23***)
Best paper award
Invited to TALG Special Issue (declined in favor of J,ACM)
Invited to Highlights of Algorithms 2024

25. "Lossless Online Rounding for Online Bipartite Matching (Despite its Impossibility)"
with Niv Buchbinder & Joseph (Seffi) Naor
In ACM-SIAM Symposium on Discrete Algorithms, 2023 (***SODA 23***)

24. "Improved Online Contention Resolution for Matchings and Applications to the Gig Economy"
with Tristan Pollner, Mohammad Roghani & Amin Saberi
In ACM Conference on Economics and Computation, 2022 (***EC 22***)

23. "The Stationary Prophet Inequality Problem"
with Kristen Kessel, Amin Saberi & Ali Shameli
In ACM Conference on Economics and Computation, 2022 (***EC 22***)

22. "Beating the Folklore Algorithm for Dynamic Matching"
with Mohammad Roghani & Amin Saberi
In Innovations in Theoretical Computer Science, 2022 (***ITCS 22***)

21. "Online Stochastic Max-Weight Bipartite Matching: Beyond Prophet Inequalities"
with Christos Papadimitriou, Tristan Pollner & Amin Saberi
In ACM Conference on Economics and Computation, 2021 (***EC 21***)

20. "The Greedy Algorithm is *not* optimal for On-Line Edge Coloring"
with Amin Saberi
In International Colloquium on Automata, Languages, and Programming, 2021 (***ICALP 21***)

19. "Near-Optimal Schedules for Simultaneous Multicasts"
with Bernhard Haeupler & D. Ellis Hershkowitz
In International Colloquium on Automata, Languages, and Programming, 2021 (***ICALP 21***)

18. "Universally-Optimal Distributed Algorithms for Known Topologies"
with Bernhard Haeupler & Goran Zuzic
In ACM Symposium on Theory of Computing, 2021 (***STOC 21***)

17. "Streaming Submodular Matching Meets the Primal-Dual Method"
with Roie Levin
In ACM-SIAM Symposium on Discrete Algorithms, 2021 (***SODA 21***)

16. "Online Algorithms for Edge Coloring via the Nibble Method"
with Sayan Bhattacharya and Fabrizio Grandoni

In ACM-SIAM Symposium on Discrete Algorithms, 2021 ***(SODA 21)***

15. "Network Coding Gaps for Completion Times of Multiple Unicasts"
with Bernhard Haeupler & Goran Zuzic
In IEEE Symposium on Foundations of Computer Science, 2020 ***(FOCS 20)***

14. "Rounding Dynamic Matchings Against an Adaptive Adversary"
David Wajc
In ACM Symposium on Theory of Computing, 2020 ***(STOC 20)***

13. "Online Matching with General Arrivals"
with Buddhima Gamlath, Michael Kapralov, Andreas Maggiori & Ola Svensson
In IEEE Symposium on Foundations of Computer Science, 2019 ***(FOCS 19)***

12. "Tight Bounds for Online Edge Coloring"
with Ilan R. Cohen & Binghui Peng
In IEEE Symposium on Foundations of Computer Science, 2019 ***(FOCS 19)***
Invited to Highlights of Algorithms 2020

11. "Stochastic Online Metric Matching"
with Anupam Gupta, Guru Guruganesh & Binghui Peng
In International Colloquium on Automata, Languages, and Programming, 2019 ***(ICALP 19)***

10. "Simplified and Space-Optimal Semi-Streaming for (2+ε)-Approximate Matching"
with Mohsen Ghaffari
In SIAM Symposium on Simplicity in Algorithms, 2019 ***(SOSA 19)***

9. "Round- and Message-Optimal Distributed Graph Algorithms"
with Bernhard Haeupler & D. Ellis Hershkowitz
In ACM SIGACT-SIGOPS Symposium on Principles of Distributed Computing, 2018 ***(PODC 18)***

8. "Dynamic Matching: Reducing Integral Algorithms to Approximately-Maximal Fractional Algorithms"
with Moab Arar, Shiri Chechik, Sarel Cohen & Cliff Stein
In International Colloquium on Automata, Languages, and Programming, 2018 ***(ICALP 18)***

7. "Fully-Dynamic Bin Packing with Little Repacking"
with Björn Feldkord, Matthias Feldotto, Anupam Gupta, Guru Guruganesh, Amit Kumar & Sören Riechers
In International Colloquium on Automata, Languages, and Programming, 2018 ***(ICALP 18)***

6. "Randomized Online Matching in Regular Graphs"
with Ilan R. Cohen
In ACM-SIAM Symposium on Discrete Algorithms, 2018 ***(SODA 18)***

5. "Approximation-Variance Tradeoffs in Facility Location Games"
with Ariel Procaccia & Hanrui Zhang
In AAAI Conference on Artificial Intelligence, 2018 ***(AAAI 18)***

4. "A Faster Distributed Radio Broadcast Primitive (Extended Abstract)"
with Bernhard Haeupler
In ACM SIGACT-SIGOPS Symposium on Principles of Distributed Computing, 2016 ***(PODC 16)***

3. "Near-Optimum Online Ad Allocation for Targeted Advertising"
with Joseph (Seffi) Naor
In ACM Conference on Economics and Computation, 2015 ***(EC 15)***
Invited to TEAC Special Issue

2. "You Will Get Mail! Predicting the Arrival of Future Email"
with Iftah Gamzu, Zohar Karnin & Yoelle Maarek
In Temporal Web Analytics Workshop, 2015 ***(TempWeb 15)***

1. "Best-Response Dynamics Out of Sync: Complexity and Characterization"
with Roee Engelberg, Alex Fabrikant & Michael Schapira
In ACM Conference on Electronic Commerce, 2013 ***(EC 13)***

JOURNAL PAPERS

6. "Online Edge Coloring is (Nearly) as Easy as Offline"
with Joakim Blikstad, Ola Svensson & Radu Vintan
In SIAM Journal on Computing, to appear **Special Issue for STOC 24** ***(SICOMP)***

5. "Dynamic Matching with Better-than-2 Approximation in Polylogarithmic Update Time"
with Sayan Bhattacharya, Peter Kiss & Thatchaphol Saranurak
In Journal of the Association of Computing Machinery, 2024 ***(J.ACM 2024)***

4. "Improved Online Contention Resolution for Matchings and Applications to the Gig Economy"
   with Tristan Pollner, Mohammad Roghani & Amin Saberi
   In Mathematics of Operations Research, 2024 ***(Math of OR 2024)***
3. "Online Stochastic Max-Weight Bipartite Matching: Beyond Prophet Inequalities"
   with Christos Papadimitriou, Tristan Pollner & Amin Saberi
   In Mathematics of Operations Research, 2024 ***(Math of OR 2024)***
2. "Near-Optimum Online Ad Allocation for Targeted Advertising"
   with Joseph (Seffi) Naor
   In Transactions on Economics and Computation, 2018 **Special Issue for EC 15** ***(TEAC 18)***
1. "On the Complexity of Vertex-Coloring Edge-Weightings"
   with Andzrej Dudek
   In Discrete Mathematics & Theoretical Computer Science, 2011 ***(DMTCS 11)***

MANUSCRIPTS

1. "Analyzing Online Correlated Selection Made Easy"
   David Wajc

PRIMERS & SURVEYS

2. "Online Matching – A Brief Survey"
   with Zhiyi Huang & Zhihao Gavin Tang
   In SIGecom Exchanges, 2024 ***(SIGecom Exchanges 24)***
1. "Negative Association – Definition, Properties, and Applications"
   David Wajc ***(2017)***

PATENTS

- Zohar Karnin, Edo Liberty, David Wajc and Guy Halawi. "Method and System for Identification of Subject Line Templates." US Patent #10885548B2. 2021.
- Zohar Karnin, Guy Halawi, David Wajc and Edo Liberty. "Method and System for Classifying Man vs. Machine Generated e-mail." US Patent #10778618B2. 2020.
- Zohar Karnin, Iftah Gamzu, David Wajc and Yoelle Maarek. "Method for Predicting Future Email." US Patent #010397152B2. 2019.

INVITED TALKS

1. "Philosopher Inequalities"
   - Workshop on The Optimum Online Policy for Matching and Allocation @ EC25, Stanford, CA. July 2025
2. "Online Edge Coloring: Sharp Thresholds"
   - Tel-Aviv University Theory Seminar. Tel-Aviv, Israel. June 2025
3. "Dynamic Rounding: Success for Matching; Open Questions Beyond
   - Schloss Dagstuhl Workshop on Dynamic meets Distributed. Dagstuhl, Germany. Nov. 2024
4. "Prophets, Philosophers, and Online Algorithms"
   - Technion Game Theory Seminar. Haifa, Israel. June 2024
   - Hebrew University of Jerusalem EconCS Seminar. Jerusalem, Israel. May 2024
5. "Online Edge Coloring"
   - Weizmann Institute Theory Colloquium. Rehovot, Israel. May 2024
   - Haifa University Theory Seminar. Haifa, Israel, Mar. 2024
   - Hebrew University of Jerusalem Theory Seminar. Jerusalem, Israel. Jan. 2024
   - Technion Theory Seminar. Haifa, Israel. Jan. 2024
   - Bar-Ilan University Theory Seminar. Ramat Gan, Israel. Jan. 2024

- Tutte Colloquium, University of Waterloo. Waterloo, ON, Canada. Dec. 2023

6. "Online Oblivious Rounding Schemes"
   - Workshop on Online Algorithms & Online Rounding @ FOCS23. Santa Cruz, CA, Nov. 2023
7. "Dynamic Matching: Rounding & Sparsification (and New Tools)"
   - Simons Institute for the Theory of Computing. Berkeley, Ca. Sep. 2023
8. "Dynamic Matching with Better-than-2 Approximation in Polylogarithmic Update Time"
   - Highlights of Algorithms (HALG). Warsaw, Poland. June 2024
   - University of Waterloo A&C Seminar. Waterloo, ON, Canada. Nov. 2023
   - Stanford University Theory Lunch. Stanford, CA. Jan. 2023
   - Google—Simons Day. Mountain View, CA. Dec. 2022
   - UC Berkeley Theory Lunch. Berkeley, CA. Nov. 2022
   - Technion Computer Science Colloquium. Haifa, Israel. Nov. 2022
   - Tel Aviv University Algorithms Seminar. Tel Aviv, Israel (virtually). Nov. 2022
   - Schloss Dagstuhl Workshop on Dynamic Graph Algorithms. Dagstuhl, Germany. Nov. 2022
   - Georgia Tech ARC Seminar. Atlanta, GA. Oct. 2022
   - Google Algorithms Seminar. Mountain View, CA. Sep. 2022
   - University of Sydney SACT Seminar. Sydney, Australia (virtually). Aug. 2022
   - Workshop on Modern Trends in Combinatorial Optimization. EPFL, Lausanne, Switzerland. July 2022
9. "Dynamic Matching Algorithms and Dynamic Matching Sparsifiers"
   - Dynamic Algorithms Workshop @ STOC 2022. Rome, Italy. June 2022
10. "Streaming Submodular Matching Meets the Primal-Dual Method"
    - WALD(O) 2021: Workshop on Algorithms for Large Data (Online). Aug. 2021
11. "Online Stochastic Max-Weight Bipartite Matching: Beyond Prophet Inequalities"
    - Google. Mountain View, CA (virtually). May 2022
    - INFORMS 2021. Anaheim, CA (virtually). Oct. 2021
    - Carnegie Mellon University. Pittsburgh, PA (virtually). Sep. 2021
    - Columbia University. New York, NY (virtually). Sep. 2021
    - Tel Aviv University. Tel Aviv, Israel (virtually). Apr. 2021
    - Simons Institute for the Theory of Computing. Berkeley, CA (virtually). Mar. 2021
12. "Rounding Dynamic Matchings Against an Adaptive Adversary"
    - UC Berkeley. Berkeley, CA. Oct. 2021
    - Hebrew University of Jerusalem. Jerusalem, Israel (virtually). May 2021
    - Hong Kong University. Hong Kong, China (virtually). Apr. 2021
    - Weizmann Institute. Rehovot, Israel (virtually). Mar. 2021
    - MIT. Cambridge, MA (virtually). Feb. 2021
    - Carnegie Mellon University. Pittsburgh, PA (virtually). Nov. 2020
    - Stanford University. Stanford, CA (virtually). July + Oct. 2020
13. "Randomized Rounding in the Face of Uncertainty"
    - Toyota Technological Institute. Chicago, IL. Jan. 2020
14. "Online Matching with General Arrivals"
    - Cornell University. Ithaca, NY. Feb. 2020
    - University of Maryland. College Park, MD. Nov. 2019
    - Carnegie Mellon University. Pittsburgh, PA. Oct. 2019
    - University of Washington. Seattle, WA. Oct. 2019
    - Stanford University. Palo Alto, CA. Sep. 2019
    - UC Berkeley. Berkeley, CA. Sept. 2019
15. "Online Dependent Rounding"
    - HALG 2019. Copenhagen, Denmark. June 2019

16. "Network Coding Gaps for Completion Times of Multiple Unicasts"
    - Rutgers. New Brunswick, New Jersey (virtually). Oct. 2020
    - Technion. Haifa, Israel. June 2019
    - Tel Aviv University. Tel Aviv, Israel. June 2019
    - Bar Ilan University. Ramat Gan, Israel. June 2019
    - Ben Gurion University. Beer Sheva, Israel. June 2019
    - University of Toronto. Toronto, ON, Canada. Apr. 2019
17. "Tight Bounds for Online Edge Coloring"
    - HALG 2020. Zurich, Switzerland (virtually). Aug. 2020
    - Columbia University. New York, NY. Jan. 2019
    - Carnegie Mellon University. Pittsburgh, PA. Jan. 2019
    - ETH Zurich. Zurich, Switzerland. Dec. 2018
    - CWI. Amsterdam, Netherlands. Oct. 2018
    - EPFL. Lausanne, Switzerland. Oct. 2018
18. "Online Matching in Regular Graphs (and Beyond)"
    - MOLI @ ICALP 2018. Prague, Czech Republic. July 2018
    - ISMP 2018. Bordeaux, France. July 2018
19. "Fully-Dynamic Bin Packing with Limited Recourse"
    - Carnegie Mellon University. Pittsburgh, PA. Feb. 2018
20. "Randomized Online Matching in Regular Graphs"
    - Google. Mountain View, CA. Aug. 2017
    - Technion. Haifa, Israel. July 2017
    - Tel Aviv University. Tel Aviv, Israel. July 2017
    - Carnegie Mellon University. Pittsburgh, PA. May 2017
21. "A Faster Distributed Radio Broadcast Primitive"
    - Carnegie Mellon University. Pittsburgh, PA. May 2016
22. "Near-Optimum Online Ad Allocation for Targeted Advertising"
    - Technion. Haifa, Israel. Nov. 2014
    - Google. Pittsburgh, PA. Oct. 2014

TEACHING EXPERIENCE

TECHNION – ISRAEL INSTITUTE OF TECHNOLOGY Haifa, Israel

As Faculty Member:

1. **Lecturer**, **Algorithms Seminar: "Secretaries, Prophets and Philosophers"**
2. **Lecturer, Foundations of Algorithms for Massive Datasets**
3. **Lecturer, Dynamic Graph Algorithms**
4. **Lecturer in Charge, Algorithms 1**

CARNEGIE MELLON UNIVERSITY Pittsburgh, PA

As Ph.D. student:

5. **TA, Graduate Algorithms**
6. **TA, Probability and Computing**

TECHNION – ISRAEL INSTITUTE OF TECHNOLOGY Haifa, Israel

As M.Sc. student:

7. **TA, Data Structures 1** (5 semesters overall, 4 as head TA)
    - Rewrote course lectures and recitations
8. **Head TA, Algorithms 1** (2 semesters)

As B.Sc. student:

9. **TA, Introduction to Systems Programming**

10. **TA, Introduction to Computer Science**
11. **Tutor in various courses, among which:**
    - Introduction to {CS, Systems Programming, Algorithms and Data Structures}, Linear Algebra

LONG-TERM RESEARCH VISITS

University of Waterloo — Waterloo, ON, Canada
Visiting Assistant Professor — Nov. 2023 – Dec. 2023
- Hosted by Lap Chi Lau

École polytechnique fédérale de Lausanne (EPFL) — Lausanne, Switzerland
Visiting Student Researcher — Sept. 2018 – Dec. 2018
- Hosted by Ola Svensson

Simons Institute for the Theory of Computing, UC Berkeley — Berkeley, CA
Visiting Student Researcher
- Participated in the program "Online and Matching-Based Market Design" — Aug. 2019 – Oct. 2019
- Participated in the program "Bridging Continuous and Discrete Optimization" — Aug. 2017 – Oct. 2017
- Participated in the program "Algorithms and Uncertainty" — Aug. 2016 – Dec. 2016

Technion – Israel Institute of Technology — Haifa, Israel
Visiting Student Researcher — Dec. 2016 – Jan. 2017
- Hosted by Seffi Naor

COMMUNITY SERVICE

- Program committee member for:
    - 2026: SODA
    - 2025: ITCS
    - 2024: STOC, APPROX, WAOA
    - 2023: ICALP, TheWebConf (WWW)
    - 2022: SODA, FSTTCS
    - 2021: HALG
    - 2020: ESA
- Reviewed for:
    - **Conferences:** FOCS, STOC, SODA, ICALP, SOSA, ITCS, EC, PODC, DISC, SPAA, ESA, IPCO, APPROX, WINE, AAAI, AAMAS, ALENEX, STACS, WAOA, SAGT, SOFSEM, TAMC
    - **Journals:** J.ACM, SICOMP, TheoretiCS, Math of OR, TALG, Algorithmica, TCS, TOC, JPDC
    - **Funding Agencies:** Israeli Science Foundation (ISF)
- Co-organizer of the EC 2025 workshop "The Optimum Online Policy for Matching and Allocation" — 2025
- Co-organizer of the Technion Theory Seminar — 2024 – present
- Co-organizer of the FOCS 2023 workshop "Online Algorithms and Online Rounding: Recent Progress" — 2023
- Co-organizer of the TCS+ online seminar series — 2021 – 2023
- Stanford CS undergraduate mentorship program — 2021 – 2022
- Organized Stanford Theory Lunch — 2020 – 2021
- CMU Tech Nights (outreach program, teaching CS to middle school girls) — 2019 – 2020
- CMU CSD Speakers Club (reviewing presentations made as part of PhD program) — 2018 – 2020
- CSD Ph.D. Mentor (mentoring junior Ph.D. students in the CS department) — 2017 – 2020
- CMU CSD Ph.D. admissions committee — 2017 – 2018
- Co-organized reading group on concentration inequalities at Simons "Algorithms and Uncertainty" program — 2017

- Co-organized CMU Theory group's first Theory Retreat 2016
- Co-organized CMU Theory Lunch (Secured funding from Yahoo! Labs) 2015
- Organized the Food For Thought (FFT) seminar at Yahoo! Labs Haifa 2014 – 2015

ADDITIONAL INFORMATION

- **Languages:** Native English, French and Hebrew; Intermediate Chinese (Mandarin)
- **Citizenships:** Israel, Belgium
- **Software:** C/C++, Java, scripting languages (C-Shell, Bash, DOS Batch), Python, Matlab
- **Technologies:** Hadoop MapReduce, Weka
- **Puzzle Aficionado:** I am an avid puzzler, and admin of a puzzle group on Facebook with over 1000 members, where CS-related puzzles and solutions are shared. (See https://www.facebook.com/groups/219533614735653/. Alternatively, look up "Computer Science Puzzles".)