

Alon Eden

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POSITIONS

HARVARD UNIVERSITY

POSTDOCTORAL FELLOW

September 2019 – present | Hosted by Yiling Chen and David Parkes

EDUCATION

TEL AVIV UNIVERSITY

PH.D. IN COMPUTER SCIENCE

2019 | Advisors: Michal Feldman and Amos Fiat

M.Sc IN COMPUTER SCIENCE

2014 | Advisor: Amos Fiat | MAGNA CUM LAUDA

B.Sc IN COMPUTER SCIENCE AND PSYCHOLOGY

2010 | CS: MAGNA CUM LAUDA

AWARDS AND RECOGNITION

- BEST PAPER WITH A STUDENT LEAD AUTHOR AWARD AT EC 2019
- THE 2019 MICHAEL B. MASCHLER PRIZE TO AN OUTSTANDING RESEARCH STUDENT IN GAME THEORY AND RELATED TOPICS IN ISRAEL
- BSF 2018 TRAVEL AWARD (4000 USD).
- PARTICIPANT IN CHINA THEORY WEEK 2017 – A CONFERENCE GATHERING TOP TCS STUDENTS.
- BEST PAPER AWARD AT SAGT 2017.
- FINALIST OF THE 2017 FACEBOOK FELLOWSHIP.
- MEMORIAL DAY AWARD OF EXCELLENCE 2010, COMPUTER SCIENCE DEPARTMENT, TEL-AVIV UNIVERSITY.
- DEAN'S LIST OF EXCELLENCE 2009, TEL AVIV UNIVERSITY.

PUBLICATIONS

1. Alon Eden, Uriel Feige, Michal Feldman
Max-Min Greedy Matching
APPROX 2019
2. Ilan Reuven Cohen, Alon Eden, Amos Fiat and Lukasz Jez
Dynamic Pricing of Servers on Trees
APPROX 2019
3. Alon Eden, Michal Feldman, Amos Fiat, Kira Goldner, Anna R. Karlin
Combinatorial Auctions with Interdependent Valuations: SOS to the Rescue
EC 2019.
Best Paper with a Student Lead Author Award.
4. Alon Eden, Michal Feldman, Amos Fiat, Tzahi Taub
Truthful Prompt Scheduling for Minimizing Sum of Completion Times
ESA 2018
5. Alon Eden, Michal Feldman, Amos Fiat, Kira Goldner
Interdependent Values without Single-Crossing
EC 2018
6. Alon Eden, Michal Feldman, Adi Vardi
Online Random Sampling for Budgeted Settings

SAGT 2017.

Best Paper Award.

SPECIAL ISSUE OF SELECTED SAGT 2017 PAPERS IN THEORY OF COMPUTING SYSTEMS (TOCS).

7. Alon Eden, Tomer Ezra, Michal Feldman
Pricing Social Goods
ESA 2017
8. Alon Eden, Michal Feldman, Ophir Friedler, Inbal Talgam-Cohen and S. Matthew Weinberg
The Competition Complexity of Auctions: A Bulow-Klemperer Result for Multi-Dimensional Bidders
EC 2017
9. Alon Eden, Michal Feldman, Ophir Friedler, Inbal Talgam-Cohen and S. Matthew Weinberg
A Simple and Approximately Optimal Mechanism for a Buyer with Complements
EC 2017
MINOR REVISION, OPERATIONS RESEARCH (OR).
10. Vincent Cohen-Addad, Alon Eden, Michal Feldman and Amos Fiat
The Invisible Hand of Dynamic Market Pricing
EC 2016
11. Shaddin Dughmi, Alon Eden, Michal Feldman, Amos Fiat and Stefano Lenoardi
Lottery Pricing Equilibria
EC 2016
12. Ilan Reuven Cohen, Alon Eden, Amos Fiat and Lukasz Jez
Pricing Online Decisions: Beyond Auctions
SODA 2015

ACADEMIC VISITS

LA SAPIENZA UNIVERSITY OF ROME

Hosted by Stefano Leonardi, April. 2018.

UNIVERSITY OF WASHINGTON

Hosted by Anna Karlin, Sep. 2018.

SIMONS INSTITUTE FOR THE THEORY OF COMPUTATION

Participated in the "Algorithms and Uncertainty" program as a visiting student researcher, Aug.-Oct., 2016.

ÉCOLE NORMALE SUPÉRIEURE PARIS AND UNIVERSITÉ PARIS DIDEROT,

Hosted by Claire Mahieu and Adi Rosén, Aug.-Oct., 2014.

TALKS

DYNAMIC PRICING OF SERVERS ON TREES

APPROX 2019 | MIT, September 2019.

COMBINATORIAL AUCTIONS WITH INTERDEPENDENT VALUATIONS: SOS TO THE RESCUE

EC 2019 spotlight talk | FCRC, Phoenix, June 2019

EconCS Seminar | Harvard University, October, 2019

MAX-MIN GREEDY MATCHING

Theory Seminar | Allen School of CS, University of Washington, October 2018.

Advanced Algorithms Seminar | Tel Aviv University, Dec 2018.

NetEcon 2019 | FCRC, Phoenix, June 2019.

APPROX 2019 | MIT, September 2019.

INTERDEPENDENT VALUES WITHOUT SINGLE-CROSSING

EC 2018 | Cornell University, June 2018.

COST Workshop on Algorithmic Game Theory | Sapienza Università di Roma, March 2018, invited speaker.

THE COMPETITION COMPLEXITY OF AUCTIONS: A BULOW-KLEMPERER RESULT FOR MULTI-DIMENSIONAL BIDDERS

China Theory Week 2017 | Shanghai University of Finance and Economics, July 2017, invited speaker.
EC 2017 | MIT, June 2017.
Highlights of Algorithms conference (HALG) 2017| TU Berlin, June 2017.
Computation and Economics Seminar 2017 | Hebrew University of Jerusalem, April 2017.

THE INVISIBLE HAND OF DYNAMIC MARKET PRICING
EC 2016 | Maastricht, July 2016.

LOTTERY PRICING EQUILIBRIA
EC 2016 | Maastricht, July 2016.

PRICING ONLINE DECISIONS: BEYOND AUCTIONS
SODA 2015 | San Diego, Jan 2015.
Advanced Algorithms Seminar | Tel Aviv University, Dec 2014.

SERVICE

PROGRAM COMMITTEE MEMBER
1st Workshop on Mechanism Design for Social Good (MD4SG'17).
20th ACM conference on Economics and Computation (ACM EC'19).

REVIEWER
Operations Research (MOR), Theory of Computing Systems (TOCT), STOC, SODA, EC, WINE, SAGT, WWW, MFCS.

TEACHING

Algorithms | Tel Aviv University, 2017-2018.
Discrete Math | Tel Aviv University, 2015-2016.
C for Engineers | Tel Aviv University, 2014.

EMPLOYMENT

INFORMATION IMAGE TECHNOLOGIES (IIT) | ALGORITHM AND SOFTWARE ENGINEER
2011 – 2014 | Petah Tikva, Israel

BIOINFORMATICS LAB OF PROF. EITAN RUPPIN | RESEARCH INTERN
2010 | Tel Aviv University, Israel

ZORAN MICROELECTRONICS | SOFTWARE ENGINEER
2007 - 2009 | Kfar Netter, Israel

ELITE TECHNOLOGICAL UNIT, IDF | SOFTWARE ENGINEER
2001 - 2005

LANGUAGES

Programming
C, C++

Spoken & Written
Hebrew (native), English (fluent)