

Yoav Gal-Tzur

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203372511 — Israel — Date of Birth: September 16, 1991

Profile

PhD candidate in Computer Science at Tel Aviv University, supervised by Prof. Michal Feldman. My research lies at the intersection of economics and computation, with a focus on algorithmic contract design and fair division.

Education

PhD in Computer Science, Tel Aviv University 2023 – Present
Research in algorithmic game theory, contract design, and fair division.

MSc in Computer Science, Tel Aviv University 2021 – 2023
GPA: 95.
Thesis: “Combinatorial Contracts Beyond Gross Substitutes”.

BSc in Computer Science & Economics, Hebrew University of Jerusalem 2015 – 2018
GPA: 96.
Member of the “Amirim” Honors Program, Dean’s Honor List.

Additional Studies

Cognitive Science and Economics, HUJI 2014 – 2015
High School: Majored in Math, CS, English, Theater (Psychometric: 750).

Publications

- **Combinatorial Contracts Beyond Gross Substitutes**
P. Düetting, M. Feldman, Y. Gal-Tzur – *SODA 2024*.
- **The Query Complexity of Contracts**
P. Düetting, M. Feldman, Y. Gal-Tzur, A. Rubinstein – In submission.
arXiv:2403.09794.
- **Budget-Feasible Contracts**
M. Feldman, Y. Gal-Tzur, T. Ponitka, M. Schlesinger – In submission.
arXiv:2504.01773.
- **Fair Division via Resource Augmentation**
H. Akrami, A. Eden, M. Feldman, A. Fiat, Y. Gal-Tzur – In submission.
arXiv:2502.09377.

Awards & Scholarships

- Full Tuition Scholarship, “Amirim” Honors Program (2016–2018).
- Dean’s Honor List, HUJI (2016–2018).
- Libra Group Scholarship for Outstanding BSc Students (2017).

Experience

Teaching Assistant, Tel Aviv University 2023 – Present
Discrete Mathematics course, CS Department.

Algorithm Developer, Mobileye (Intel) 2020 – 2023
Driving Semantics Group
Developed deep learning models for traffic sign recognition.

Geometry Group 2018 – 2020
Built algorithms for 3D measurement extraction from images.

Teaching Assistant, Hebrew University of Jerusalem 2018
Grader for Algorithms course.

Military Service

IDF Spokesperson Unit 2009 – 2012
Shift Supervisor in the Operations Room, Squad Commander in the Training Course.

Technical Skills

Python, C, C++, Java, Matlab, Unix/Linux, Git.

Languages

Hebrew (native), English (fluent).