



TAL ALON

📍 ISRAEL

◦ DETAILS ◦

<https://www.talalon.org>
Israel

alontal@campus.technion.ac.il

🎓 EDUCATION

Ph.D. Computer Science, Technion - Israel Institute of Technology

October 2019 — Present

Direct Ph.D. track.

B.Sc. Software Engineering, Technion - Israel Institute of Technology

October 2016 — November 2020

Valedictorian, summa cum laude.

📁 EXPERIENCE

Class Commander at Psagot Program

March 2023 — August 2023

Part-time. Commanded 60+ cadets at an elite IDF academic reserve program.

Data Science Researcher at IDF

March 2021 — Present

Mandatory military service.

★ PUBLICATIONS

Alon, T., Haung, X., Talgam-Cohen, I., Wang, C. (2023). Budget Balanced Contracts

Under submission.

Alon, T., Dütting, P., Li, Y., Talgam-Cohen, I. (2022). Bayesian Analysis of Linear Contracts

ACM Conference on Economics and Computation (EC), 2023.

Alon, T., Dütting, P., Talgam-Cohen, I. (2021). Contracts with Private Cost per Unit-of-Effort

ACM Conference on Economics and Computation (EC), 2021.

Alon, T., Lavi, R., Shamash, E., Talgam-Cohen, I. (2021). Incomplete Information VCG Contracts for Common Agency

ACM Conference on Economics and Computation (EC), 2021. Operations Research Journal.

Alon, T., Dobson, M., Procaccia, A., Talgam-Cohen, I., Tucker-Foltz, J. (2020). Multiagent Evaluation Mechanisms

AAAI Conference on Artificial Intelligence, 2020. Oral presentation (top 5%).
Congress of the Game Theory Society (GAMES 2020).

★ SELECTED HONORS AND AWARDS

Star Scientifics Program, Israel Defense Forces (IDF)

June 2022 — Present

An exclusive program that allows excellent young scientists serving in key positions to pursue a Ph.D. during their mandatory military service.

Dean's excellence scholarship, Technion - Israel Institute of Technology

October 2020 — February 2021

Tech.AI center student award, Technion - Israel Institute of Technology

January 2021

Award for Collaboration in Data Science in funding of PBC (Israel Council for Higher Education).

Award for Excellence from Apple Inc.

January 2019

Prize for academic excellence and social impact. Awarded in a special event by the firm.

SAMBA prize, Technion - Israel Institute of Technology

July 2018

Technion award for excellent students in computer science.

Presidents's List all Semesters of BS.c

October 2016 — November 2020

Psagot Elite Program of IDF's Reserve

October 2016 — Present

Psagot is the flagship program of the military's academic reserve. In Psagot, talented high school graduates are sent to get a four-year bachelor's degree (B.Sc.) in Software Engineering before their mandatory military service; graduates then serve in key positions at the R&D units of various IDF branches.

Lapidim Program of the Technion computer science department

October 2017 — November 2020

An exclusive program for first-rate undergraduate computer science students with entrepreneurial skills. Studied with full tuition scholarship and a monthly stipend.

 **PROJECTS**

Decision Support System for an Hospital Management

October 2018 — February 2019

Supervised by Prof. Benny Kimelfeld. Our work was featured on [Yediot Aharonot news](#) - Israel's most widely read newspaper.

 **TEACHING**

234141 Combinatorics for Computer Science Undergraduates, Technion - Israel Institute of Technology

April 2020 — July 2020

236357 Distributed Algorithms for Computer Science Graduates, Technion - Israel Institute of Technology

October 2019 — February 2020

 **VOLUNTEER WORK**

Israel Association for Children with Disabilities (ILAN)

May 2020 — Present

Tutoring young girl with disabilities.

○ **Race to The Summits Event**

November 2019

Initiated an event to encourage young girls to integrate within technological fields. Our efforts were surveyed on [rgg-news](#).