

Shaul Rosner

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Education

Reichman University <i>Ph.D student, Computer Science, direct track.</i>	2021 – Present
Reichman University <i>Studies for master's degree in computer science.</i>	2018 - 2021 GPA: 95
Tel Aviv University <i>BSc in mathematics with a focus on computer science.</i>	2013 - 2017 GPA: 87
National Psychometric Exam	2015 Grade 752 (out of 800, percentile 99)

Professional Experience

CS Preparatory Workshop Lecturer	Summer Semester 2023 <i>Reichman University</i>
Summer Intern	July 2023 - September 2023 <i>IBM Research</i>
I analyzed the landscape of cloud computing from a game theory perspective, with a focus on the impact of software improving ease of use of multiple cloud services (multicloud).	
Logic and Set Theory TA	Spring Semester 2022-2024 <i>Reichman University</i>
Algorithms TA	Fall Semester 2021-2023 <i>Reichman University</i>
Calculus 1+2 tutor <i>"The Sharpener" Program</i>	2015-2017 <i>Tel Aviv University</i>

Academic Publications

Race Scheduling Games - The 13th International Symposium on Algorithmic Game Theory (SAGT), September 2020 - joint work with Tami Tamir

Race Congestion Games - 32nd Stony Brook international conference on game theory - Poster Session - June 2021

Scheduling Games with rank-based utilities - The 15th Workshop on Models and Algorithms for Planning and Scheduling 2022 (MAPSP), June 2022- joint work with Tami Tamir

Cost-Sharing Games with rank-based utilities - The 15th International Symposium on Algorithmic Game Theory (SAGT), September 2022 - joint work with Tami Tamir

Scheduling games with rank-based utilities – Games and Economic Behavior (volume 140)- joint work with Tami Tamir

Entrepreneurship Facility Activation Games - The 16th International Symposium on Algorithmic Game Theory (SAGT), September 2023 - joint work with Tami Tamir

Who Benefits from a Multi-Cloud Market? A Trading Networks Based Analysis - Submitted (IJCAI-24) - joint work with Segev Wasserkrug, from my time at IBM

Throughput Maximization in a Scheduling Environment with Machine-Dependent Due-dates - Submitted (ICALP-24) - joint work with Tami Tamir
Cost-Sharing Games with rank-based utilities - Submitted (TCS) - joint work with Tami Tamir

Awards & Honors

Teaching Excellence Award

Reichman University

2022

Competitive Programming - 40th place

SWERC

2021

Honors from Center 7140 - IDF

for my work in development

2019

Second Place in Math Olympiad

Tel Aviv - Regional

2012

Military Service

Researcher in an Audio Research Section at IDF Intelligence

2019-2021

My job was to plan, train, implement, and monitor algorithms for analysis of audio. This included everything from researching solutions, modifying them to suit the data, implementing them as part of a software pipeline, and working with users to find issues.

Software Developer in a Research Section at IDF Intelligence

2017-2019

My job was to develop and maintain software used by signal processing researchers. As part of my role I also implemented, optimized, and wrote algorithms for various purposes.

Software Development Course

February 2017- July 2017

Programming Knowledge

I program at a high level in python and c#. I also have work experience with java, matlab, javascript (node, angular, some react), c, c++.

This includes experience working with a range of libraries and technologies for solving various challenges, including pytorch, kald, sklearn pandas, sql, elasticsearch, flask, kafka, docker, etc.