

# Elad Kinsbruner

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## Education

**Technion - Israel Institute of Technology**, Haifa, Israel

Ph.D., Computer Science, 2024-current  
Supervisors: Shachar Itzhaky, Hila Peleg  
Research topic: Analysis-guided Software Engineering  
Direct track (started as M.S.c. student in 2022)  
GPA: 94.5

**Technion - Israel Institute of Technology**, Haifa, Israel

B.Sc. cum laude, Software Engineering, 2020-2023  
GPA: 92.9  
Dean's list: Winter 2020-2021, Spring 2021, Winter 2021-2022, Spring 2022  
President's list: Winter 2022-2023, Spring 2023

## Academic Service

### Organizer

Oregon Programming Languages Summer School 2023 Participant Talks workshop

### Artifact Evaluation Committee Member

TACAS'24, ECOOP'24

## Publications

### Refereed Conference Papers

1. Elad Kinsbruner, Shachar Itzhaky, Hila Peleg. 2024. Constrictor: Immutability as a Design Concept. *To appear in: ECOOP 2024.*

### Under Submission

2. Elad Kinsbruner, Hila Peleg, Shachar Itzhaky. 2024. Kotlin's Type System is (Also) Unsound. *Under submission.*

## Teaching Experience

### Reverse Engineering

Teaching Assistant in Charge

Technion, Spring 2023

### Programming Languages

Open University of Israel, Summer 2022

Instructor

**Introduction to Systems Programming**

Technion, Spring 2022-Spring 2023

Teaching Assistant (Spring 2022)

Teaching Assistant in Charge (Winter 2022-2023, Spring 2023)

## **Work Experience**

**Undergraduate Researcher**, Technion, Haifa, Israel

2022

Supervisors: Matan Peled, Shachar Itzhaky

Developed static analyses over control-flow graphs within the Graal ecosystem