

I am a third-year Computer Science student at Bar-Ilan University with a GPA of 86.

As a self-learner, I possess excellent capabilities in building a deep understanding of complex systems through training, documentation, and self-exploration. I have the competence to operate independently, while still fostering strong collaborative abilities that enrich both my learning journey and teamwork skills.

## SKILLS

**Languages** - C, C++, Java, Python and JavaScript.

**Web development technologies** - HTML, CSS, React, Node.js, Express.js.

**Database** - MongoDB, SQLite.

**Courses** - Data Structures, Algorithms, Object-Oriented Programming, Computer Architecture, Computer Networks, Operating systems, Software Engineering.

**Environments** – Linux, windows.

**Software development tools** - Git, Visual Studio Code, and Jet Brains IDEs.

## EDUCATION

Computer science Student - Bar Ilan university (2021)

Bachelor of Science in Computer Science expected graduation date October 2024.

Arkanoid (Java)

- Developed a Java implementation of the classic Arkanoid game.
- Utilized object-oriented programming (OOP) design patterns.

KNN classifier server (C++)

- Collaborated in a team to Implement KNN algorithm in C++ for classification and regression tasks.
- Designed a TCP-based server that supports parallel connections from multiple clients, providing options to load data, modify algorithm parameters, perform classification, display results, and save data.

WINK chat application (JavaScript, java )

- Cross-platform chat application, where we developed an efficient and scalable server, based on a **RESTful API** architecture, using **Node.js** with **Express** framework. We utilized **MongoDB** as the database to store and retrieve data. The client-side was built using **React**, offering a responsive and user-friendly interface. real-time communication was implemented using **Socket.IO**.
- Additionally, we extended the application's reach to **Android** users by creating an Android app using **Android Studio**. The real-time communication for the app was facilitated through **Firebase**, while **SQLite** provided local storage for offline functionality.

Mikveh Israel High school (2009 – 2015)

Majored in biology and physics.

## EXPERIENCE

Security officer | Israel Airports Authority (2019– 2021)

A unit that aims to handle complicated security incidents and counterterrorism.  
High-level interpersonal relationship with executive security factors.

Combat medic | IDF (2016 – 2018)

Combat Medic at Givati Brigade.

Medical responsibility for a company both routinely and in emergencies.