

I am a third-year Computer Science student at Bar-Ilan University, maintaining a GPA of 86, which reflects my unwavering commitment to academic excellence. I am highly self-motivated and dedicated to ensuring top-quality assurance for products. My expertise lies in a deep understanding of Computer Science fundamentals. I also excel in interpersonal and communication skills and am recognized for my creativity, initiative, and high productivity.

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.

EDUCATION

Computer science Student - Bar Ilan university (2021)

- Bachelor of Science in Computer Science expected graduation date October 2024.
- excellence in Computational Complexity (99) and Advanced Programming (96).

Mikveh Israel High school (2009 – 2015)

Majored in biology and physics.

PROJECTS

WINK chat application (JavaScript, java)

- Cross-platform chat application, where we developed an efficient and scalable server 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.

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.

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.