

Shira Taitelbaum

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Education:

- **2020-2024(April):** Bachelor's degree in Computer Science at Bar Ilan University
- **2019-2016:** Nahum Ulpana High School, Petah Tikva.
Full matriculation certificate with a focus on 5 units in Mathematics, English, Chemistry, Tanach (Bible), and Toshba. Graduated with a weighted average of 111.58.

Specializations:

- **Programming Languages:** C, C++, JAVA, PYTHON, ASSEMBLY, JS.
- **Skills:** Data Structures, Design Patterns, Databases, Linux.
- **Web Application Development:** Created a social networking site enabling user registration, login, likes, and comments. Managed information using MySQL. Implemented server-side in Python with Flask, handling POST/GET requests, and retrieving data from the database using SQL queries. Implemented client-side using dynamic HTML templates with Flask and CSS.
- **Web Application Development:** Developed a recipe website, managing data using MongoDB. Implemented server and client using JS with React, Node.js, and Express. Handled POST/GET requests and designed using CSS and Bootstrap.
- **Krembot Programming:** Programmed in C++ for a simulator, implementing surface coverage using the WSTC algorithm and implementing foraging against rivals using state machine.

National Service:

- **2020-2019:** Cyber education for elementary school children on behalf of the "Pisga Cyber" association.

Skills:

Responsibility, dedication, organization, ability to work under pressure, and meeting deadlines. Excellent team integration, aiming for excellence.

Languages:

- **Hebrew:** Native language.
- **English:** Very good.

Social Activities:

- Volunteering at the special education school "Korchak" and Visiting the elderly on behalf of the High School in Petah Tikva.
- Volunteering with 'Laro Nelech' – Walking to "Neve Dalia" elementary school in Rosh HaAyin.
- Doing study and play sessions for children in the Sha'aria neighborhood in Petah Tikva and participated in "Tsevet Asiya" on behalf of Ezra.