

Shimon Avraham

shimon2046@gmail.com | +972 52 264 1993 | [LinkedIn](#)

PROFILE

Seeking a challenging position as a **Backend/Full Stack** Developer. Highly motivated and eager to tackle complex projects and contribute to innovative solutions.

EDUCATION

University **2019 – 2023**
B.Sc. in Computer Science, Bar Ilan University.

Preparatory Course (Mechina) **2017 – 2018**
Bar Ilan University, Israel – Average 85.

Gimnasya Realit High School **2008 – 2011**
Received certificates for outstanding academic achievements (top 5 percent).

UNIVERSITY PROJECTS

- **Fair Division:** Full-stack application in which users can input their fair division problem and the output will be a suggested "fair" allocation of the resources to the agents.
Client side **React**, server-side **Python and MongoDB**.
- **Web Applications:** Gained practical skills in building single-page applications with **React** and server-side development with **NodeJS**. Completed a group project on a real-time chat application.
- **Anomaly Detection Server:** Developed **C++** anomaly detection server enabling clients to upload CSV files, customize algorithm parameters, and receive detailed anomaly reports. Implemented SOLID principles, design patterns, and parallel programming with threads for efficient processing.
- **Arkanoid:** Implemented a classic Arkanoid game using **Java**. Demonstrated proficiency in object-oriented programming principles and game development.

MILITARY SERVICE

ISRAEL DEFENCE FORCE (IDF) **2012 – 2015**
Predictive Placement Manager

Role Description:

- Responsibility for managing, monitoring and assigning soldiers to the reserve units.
- Cooperating with superior officers on different projects.
- Outstanding soldier - unit commander (brigadier general).

ADDITIONAL INFORMATION

Programming: C, C++, Java, Python.

Databases: SQL, MongoDB.

Web Technologies: JavaScript, HTML, CSS, NodeJS, ReactJS, ExpressJS, REST API, JSON.

Tools: GitHub, Jira, Jupyter Notebook, Postman, Latex, Bash Scripts.

Operating Systems: Linux, Windows.

Soft Skills: Problem-solving, Quick learning, Team player with high social skills.

Languages: Hebrew - Native, English - Proficient.

*Certificates and recommendations will be delivered on demand.