

Tal Barda

Software Developer

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Independent learner | High-stress tolerance |
Analytical thinking | Problem-solving | Highly motivated to learn

Personal Projects

[Online Coding Web App](#) – A real-time collaborative code editor. Developed using React, Node.js (Express), Socket.io for real-time communication, and MongoDB.

[Checkers Windows App](#) – Checkers Windows desktop application. The project was built in C# using object-oriented programming and .NET WinForms, including forms and events.

Skills

C#, Python, Java, JavaScript, HTML, CSS, Node.js, React, Express, MongoDB, OOP.

Self-learning – Unity for 3D and VR.

Professional Experience

Backend Developer Intern | Paylow | 2023

- Developed backend libraries for the front-facing app, APIs, company and ML tools and infrastructure in Python.

Software Developer and Researcher | milab - Media Innovation Lab | 2022 – 2023

- Used Arduino and C++ to develop human-computer interaction prototype products.
- Interviewed clients and translated needs into functional development requirements.
- Collaborated and worked in a team with psychology and communication students.

Education

B.Sc. in Computer Science | Interactive Communication unit | Reichman University | 2020 - 2023

- Participated in two of the Entrepreneurship Club programs: Leaders Club (Innovation and Leadership with L'Oréal Group) and M-Club (Marketing, advertising, PR).

Blich High School in Ramat Gan | 5 points in Math, English, and Physics | 2012 - 2016

Military Service

Officer in the Home Front Command | 2016 - 2020

- Constructed Home Front Command training schedules in collaboration with IDF units, Magen David Adom, INP, Israeli Prison Service, and others.
- Evaluated local authorities' emergency readiness via training sessions, characterizing command and control systems.

Languages

- Hebrew – Native speaker.
- English – Fluently.

Youth Movement

Scouts Movement | 2013 – 2016

Instructor and member of the community team.