

Yotam Markman

Contact

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Technologies

- Java
- Python
- C
- Linux
- JavaScript
- Git

Computer Science student at Reichman University, with strong foundations in software development, algorithms, and data-driven problem solving. Experienced in building projects that combine technical coding expertise with advanced AI prompting techniques. Balancing academic studies with ongoing reserve duty as a sergeant, demonstrating teamwork, commitment, and performing under pressure.

Education

2023 – Present

B.Sc. in Computer Science | Reichman University

Current GPA – 85

Notable Courses

- Introduction to Computer Science (Java) – 93
- Digital Systems – 89
- Machine Learning – 90
- Operating Systems – 97

Guided Field Project – Developing a web interface and predictive model for the Municipality of Herzliya to optimize forecasting and data management for city activities.

Personal Projects

- [RemoteVS](#) – Engineered a full-stack Remote Copilot bridge (Node.js/Express & TypeScript/VS Code Extension) using Socket.IO to enable real-time remote control of GitHub Copilot, including full workspace context, terminal command execution, and Agent Mode for autonomous file manipulation.
- [Marvel Jump](#) – A Marvel-themed Icy Tower game where players can choose their hero and climb an endless tower for high scores
- [Trivia](#) – Fully functional trivia application built with Python (Socket.IO), JavaScript, HTML, CSS, and SQL. Supports both singleplayer and multiplayer modes, integrating with a live SQL database to manage game data, user performance, and real-time interactions.

Military service

2018 – 2021

Sergeant | Iron Dome Unit

Served in Israel's elite missile interception unit, leading a team in mission-critical operations. Managed and guided soldiers to ensure operational readiness, discipline, and effective execution under strict time constraints. Oversaw the deployment and maintenance of advanced defense technologies while coordinating across units to achieve seamless results. Developed strong leadership, collaboration, and conflict-resolution skills, with proven ability to manage people and make decisive judgments in high-pressure environments.

Volunteering

Instructor | Israeli Scouts

Developed strong leadership skills through effective guidance and communication. Organized and led various activities and events for scouts.